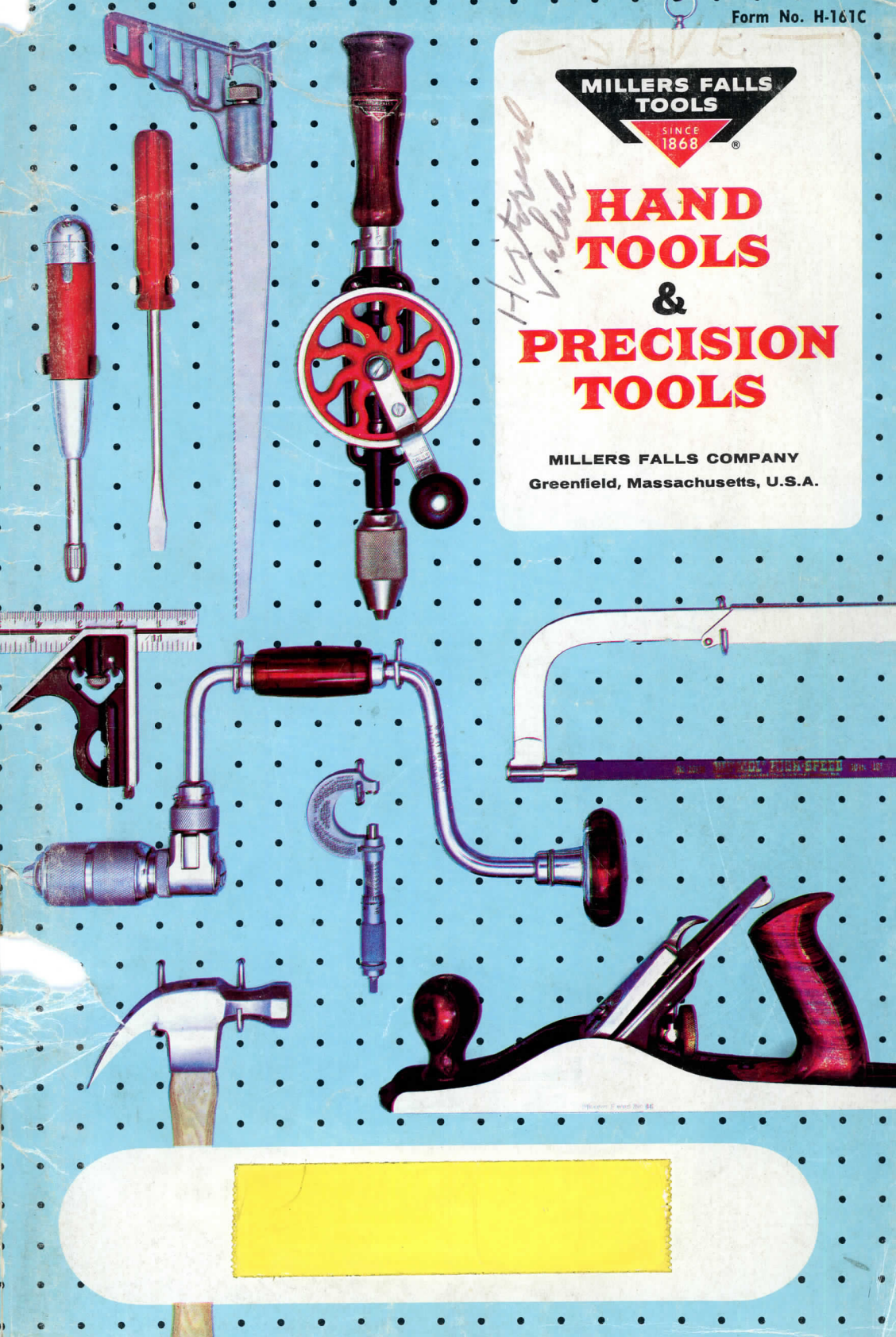
Form No. H-161C

MILLERS FALLS TOOLS

SINCE 1868

HAND TOOLS & PRECISION TOOLS

MILLERS FALLS COMPANY
Greenfield, Massachusetts, U.S.A.



IMPORTANT INFORMATION

SPECIFICATIONS

Standard specifications for each tool appear in this catalog. No deviations will be made unless severe difficulty is met in procuring certain materials, or improvements in construction and finishes are made.

WARRANTY

Every tool stamped with the Millers Falls name is warranted free from imperfections and defects in material or workmanship. Our obligation under this warranty is expressly limited to the following: If any tool proves to be imperfect or defective under conditions of normal use, we agree to repair or replace the tool if immediately returned to our factory at Greenfield, Massachusetts, transportation charges prepaid. Under no circumstances, however, do we assume responsibility for breakage where flaws do not appear or for tools which have suffered from abusive treatment or which have been stamped with the owner's name, changed or experimented upon. No dealer is authorized to make replacements for us. This warranty is made in lieu of all other warranties, expressed or implied, and all other obligations on our part. We neither assume nor authorize any agent or other person to assume for us any further liability in connection with the sale of our tools.

RETURNED GOODS

No goods are to be returned to us without authorization from our Sales Department at Greenfield, Massachusetts; if return is authorized, transportation charges are to be prepaid. We shall not be responsible for any goods returned to us without our authorization.

PARTS AND REPAIRS

Parts for repair of every tool shown in this catalog are available. When ordering, please give the number and description of the part and indicate the type and number of the tool for which the part is needed. Whenever possible, it is recommended that the customer make his own repairs in order to avoid the expense of round-trip transportation for tool handling. When a major repair is necessary by our Factory Service Station in Greenfield, please pack the tool carefully, including a tag with your name and address, prepay the shipping charges and write a covering letter describing the operating difficulty. Please indicate if you want a repair quotation made before work is started. If you send your tool for repair under warranty and if you prepay incoming shipping charges, it will be returned to you with return shipping charges prepaid.

Catalog No. H-999 available showing parts for Bit Braces; Automatic, Breast, Chain and Hand Drills; Mitre Boxes; Bench, Block, Rabbet and Router Planes; and Spiral Ratchet Screwdrivers.

MILLERS FALLS TOOLS SINCE 1868

MILLERS FALLS COMPANY,
Greenfield, Massachus

DISTRICT OFFICES

ATLANTA OFFICE
1064 W. Peachtree Street, N.W.

CHICAGO OFFICE
612 W. Randolph Street

LOS ANGELES OFFICE
5224 E. Washington Blvd.

NEW YORK OFFICE
28 Warren Street

DALLAS OFFICE
1351 Crampton

CLEVELAND OFFIC
1823 Brookpark Roa

HAND AND PRECISION TOOL CATALOG

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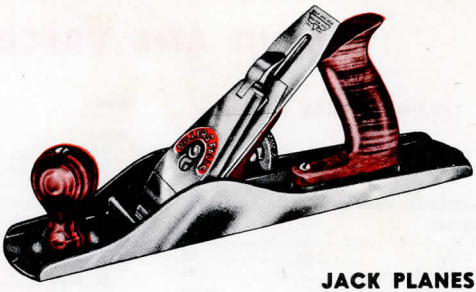
PLANES

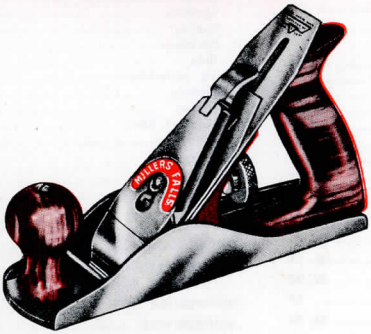


JACK PLANES

Gray iron bottoms and frogs. Handles and knobs of tropical hardwood. Three-point bearing lever cap nickel plated. End and side adjustment of cutters.

	No.	Length	Cutter	Shipping Weight
Smooth Bottoms	11	11½"	1¾"	4⅛ lbs.
	14	14"	2"	5½ lbs.
	15	15"	2¼"	6½ lbs.
Corrugated Bottoms	14C	14"	2"	5½ lbs.
	15C	15"	2¼"	6½ lbs.

Packed 1 in a box.

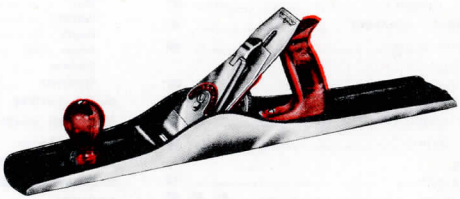


NO. 8, 9 and 10 BENCH PLANES

Milled, polished bottoms and sides. High carbon, tool steel cutters, quick, easy depth and side adjustment. Bottoms enameled black inside — red enameled frogs. Tropical hardwood knobs and handles. Entire tool beautifully finished with nickeled and buffed lever cap.

	No.	Length	Cutter	Shipping Weight
Smooth Bottoms	8	8"	1¾"	3½ lbs.
	9	9"	2"	4¼ lbs.
	10	10"	2⅜"	5½ lbs.
Corrugated Bottoms	8C	8"	1¾"	3½ lbs.
	9C	9"	2"	4⅛ lbs.
	10C	10"	2⅜"	5¼ lbs.

Packed 1 in a box.

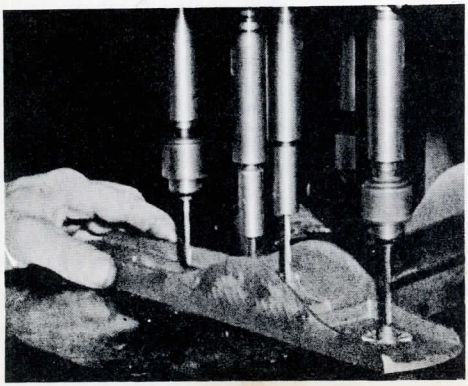


FORE and JOINTER PLANES

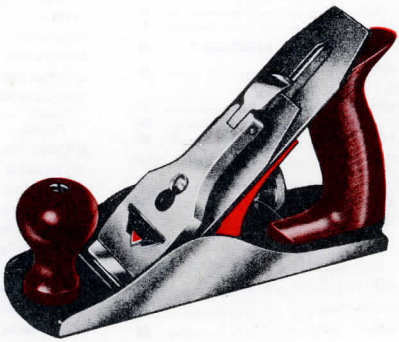
Bottoms and sides milled and polished. Red enameled frogs and black enameled bottoms. Tropical hardwood handles and knobs. Nickeled and buffed lever cap. Sensitive, easily operated depth and side adjustments. High carbon, tool steel cutters.

No.	Length	Cutter	Shipping Weight
Smooth Bottoms			
18 Fore	18"	2⅜"	7½ lbs.
22 Jointer	22"	2⅜"	8⅝ lbs.
24 Jointer	24"	2⅜"	10¾ lbs.
Corrugated Bottoms			
18C Fore	18"	2⅜"	7⅝ lbs.
22C Jointer	22"	2⅜"	8⅛ lbs.
24C Jointer	24"	2⅜"	10⅝ lbs.

Packed 1 in a box.



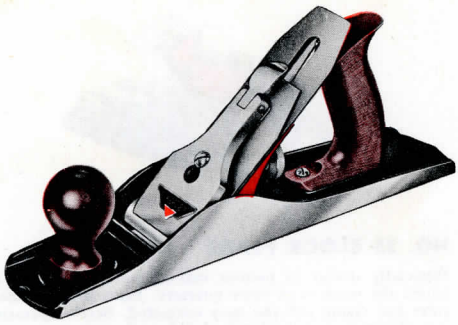
Precision Machining assures the smooth, accurate, chatter-free performance you can always count on from a Millers Falls plane. Here, all screw holes in casting for No. 14 Jack Plane are drilled at one time in a multiple-spindle press—guaranteeing perfect alignment and position of handle, frog and knob.



NO. 90 BENCH PLANE

Perfect feel and balance for all around use. Milled and polished bottoms assure accuracy and smoothness. End and side adjustment of cutter . . . tool steel cutter blade . . . cherry stained hardwood handle and knob. Length, 9". Cutter, 2".

Packed 1 in a box. Shipping weight: 4¼ lbs.



NO. 140 JACK PLANE

Precise control of cut and alignment with quick, easy depth and side adjustments. Milled and polished bottom. Solid tool steel cutter blade . . . spring tension cap. Length, 14". Cutter, 2".

Packed 1 in a box. Shipping weight: 5½ lbs.

NO. 900 BENCH PLANE

Quick, easy depth and side adjustments. Cutter is one solid piece of tool steel, 2" wide. Sides and bottoms are polished, inside of bottom, lever cap and frog are red and gray enameled. Knob and handle are clear-grained hardwood finished in rich black. Length, 9 inches.

Packed 1 in a box. Shipping weight: 4 lbs.

NO. 814 JACK PLANE

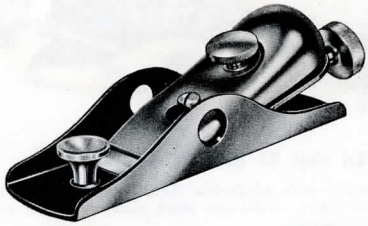
Easily adjustable for depth of cut and angle of blade. Solid tool steel 2" cutter. Bottom and sides are polished. Inside of bottom, lever cap and frog in red and gray enamel. Knob and handle of choice hardwood with rich black finish. Length, 14 inches.

Packed 1 in a box. Shipping weight: 5⅜ lbs.

NO. 07 BLOCK and RABBET PLANE

Combination block and rabbet plane. Converts from block to rabbet by removing right side. Equipped with skew iron and has screw depth adjustment of cutter. Length, 7 inches. Cutter, 1⅝ inches.

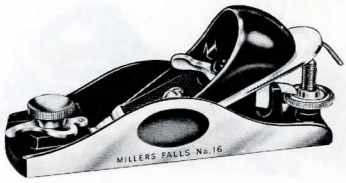
Packed 1 in a box. Shipping weight: 1⅝ lbs.



NO. 206B BLOCK PLANE

All steel construction. Lightweight. Tool steel cutter expertly heat treated and tempered. Drop forged frog at 12° angle. Vertical screw for blade adjustment. Black enameled inside with polished bottom and sides. Length, 6¼". Cutter, 1⅝" wide.

Packed 1 in a box. Shipping weight: 1⅛ lbs.

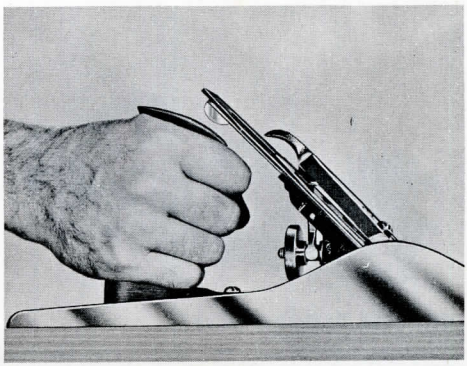


NO. 16 and 17 BLOCK PLANES

Adjustable throat. Depth and side adjustments of cutters. Cast caps with lever cam lock.

No.	Length	Cutter	Shipping Weight
16	6"	1⅝"	1½ lbs.
17	7"	1⅝"	1⅝ lbs.

Packed 1 in a box.



"Easy-Grip" Handles. Millers Falls bench planes are equipped with scientifically shaped, palm-fitting handles. You get a rooomier, surer, more comfortable grip that means easier handling, better control, less fatigue.

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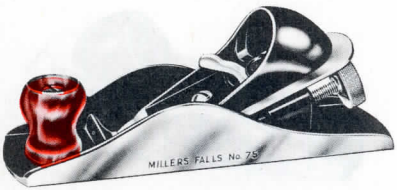
NO. 56 and 57 BLOCK PLANES

Low angle with adjustable throat. Screw depth adjustment of cutter. Solid one piece cutter set at 12 degrees. Nickel trimming.

No.	Length	Cutter	Shipping Weight
56	6"	1⅜"	1¼ lbs.
57	7"	1⅝"	1½ lbs.

Packed 1 in a box.



NO. 45 and 75 BLOCK PLANES

Polished sides. Black enameled cast cap with lever cam lock. Screw depth adjustment of cutter. Tropical hardwood knob handle.

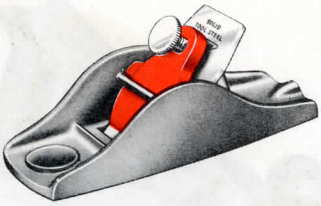
No.	Length	Cutter	Shipping Weight
45	5½"	1⅜"	1 lb.
75	7"	1⅝"	1⅜ lbs.

Packed 1 in a box.

NO. 1455 BLOCK PLANE

Low angle (12°) is particularly good for working hardwoods and end grain. Depth of cut adjusted by nickel-plated screw and locking lever. Bottom and sides are polished. Fine tool steel iron is 1⅜" wide. Lever cap is red enamel; inside of bottom is gray. Length, 7".

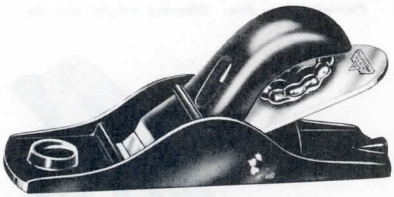
Packed 1 in a box. Shipping weight: 1¼ lbs.



NO. 33 BLOCK PLANE

Especially useful in pattern making, model building or where the work is in close quarters. Bottom is polished; sides and clamp red and gray enameled. Screw operating cap clamp is nickel plated. Solid tool steel cutter iron. Length, 3½".

Packed 1 in a box. Shipping weight: ⅜ lb.



NO. 5 BLOCK PLANE

Non-adjustable cutter. Screw operated cap clamp. Sides and cap black enameled. Polished bottom. Length, 5½". Cutter, 1⅜" wide.

Packed 1 in a box. Shipping weight: ¾ lb.

NO. 87 BLOCK PLANE

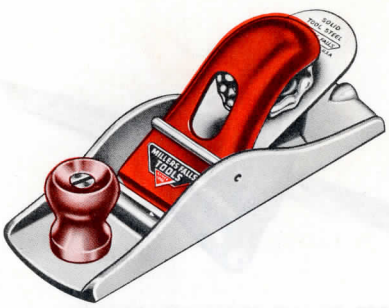
Non-adjustable cutter. Polished sides. Black enameled cap. Rosewood knob handle. Screw operated cap clamps. Length, 7"; cutter, 1⅝".

Packed 1 in a box. Shipping weight: 1¼ lbs.

NO. 700 BLOCK PLANE

Gray iron cast bottom. Sides and bottom milled and polished. Inside black enamel. Nickel plated clamp screw. Hardwood knob handle with black lacquer finish. Steel cutter hardened and tempered. Length, 7"; cutter, 1⅝".

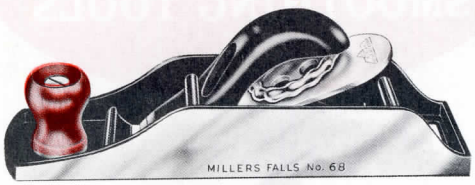
Packed 1 in a box. Shipping weight: 1⅜ lbs.



NO. 707 BLOCK PLANE

A standard angle (20°) plane for general all-around work. Well designed cast iron construction with polished bottom, and sides finished in gray enamel. Solid tool steel cutter. Knob operating cap clamp is nickel plated. Length, 7"; width of iron, 1⅝".

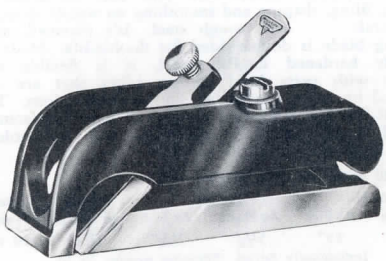
Packed 1 in a box. Shipping weight: 1½ lbs.



NO. 68 DOUBLE END BLOCK PLANE

Equipped with two throats and two cutter seats. Block plane as illustrated. Bull nosed rabbet plane with cutter reversed. Length, 8", cutter, 1⅝" wide.

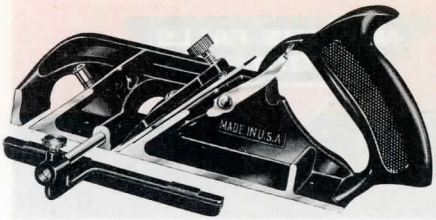
Packed 1 in a box. Shipping weight: 1½ lbs.



NO. 4 BULL NOSED RABBET PLANE

Ideal for working in close quarters and in corners. Polished sides and bottoms. Black enamel trim. Solid steel cutter hardened and tempered. Length, 4 inches; cutter, 1 inch.

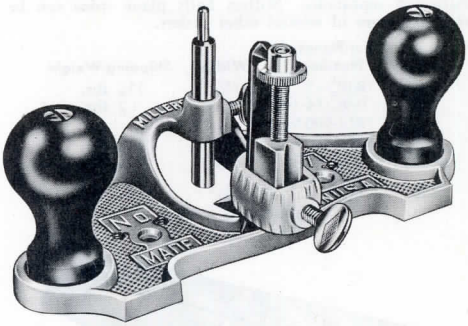
Packed 1 in a box. Shipping weight: ⅝ lb.



NO. 85 RABBET and FILLISTER PLANE

Two cutter seats—one for regular work with lever adjustment of cutter and a forward seat for bull-nosed work. Adjustable fence can be used on either side or removed. Three point spur and depth gauge. Nickel and black enamel finish. Length, 8½"; cutter, 1½" wide.

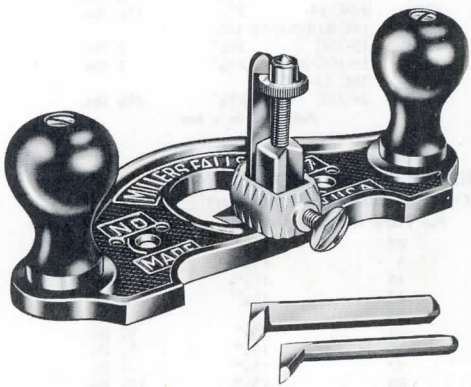
Packed 1 in a box. Shipping weight: 3⅛ lbs.



NO. 67 ROUTER PLANE

Open throat design with depth-of-cut attachment which is also used for closing throat on narrow surfaces. Furnished with fence to attach to bottom for straight or curved edges. Screw adjustment of cutters. Exposed parts nickeled. Ebony lacquered finished hardwood handles. Length, 7½"; cutters ¼", ½" wide and ½" pointed smoother.

Packed 1 in a box. Shipping weight: 2⅝ lbs.



NO. 77 ROUTER PLANE

Closed throat design with two cutters, ¼" and ½" wide, and a ½" pointed smoother. Otherwise same as No. 67 Router Plane. Length, 7½ inches.

Packed 1 in a box. Shipping weight: 2¾ lbs.

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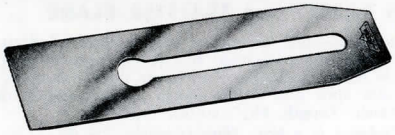
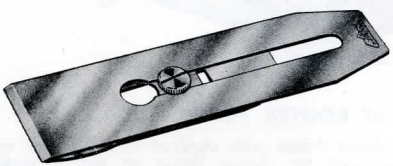


BENCH PLANE IRONS (Single)

Made from solid tool steel, heat treated. Can be re-sharpened repeatedly. Millers Falls plane irons can be used in planes of several other makes.

No.	For Planes Number	Width	Shipping Weight
168	8-8C-11	1¾"	1⅝ lbs.
200	9-9C-14-14C-814-900-90-140	2"	2 lbs.
228	15-15C	2¼"	2⅜ lbs.
238	10-10C-18-18C-22-22C	2⅜"	2⅛ lbs.
258	24-24C	2⅝"	2¾ lbs.

Packed 6 in a box.



BENCH PLANE IRONS (Double)

Made from solid tool steel, heat treated. Can be re-sharpened repeatedly. Millers Falls plane irons can be used in planes of several other makes.

No.	For Planes Number	Width	Shipping Weight
1168	8-8C-11	1¾"	1⅜ lbs.
2200	9-9C-14-14C-814-900-90-140	2"	1⅝ lbs.
2228	15-15C	2¼"	2 lbs.
2238	10-10C-18-18C-22-22C	2⅜"	2 lbs.
2258	24-24C	2⅝"	2⅜ lbs.

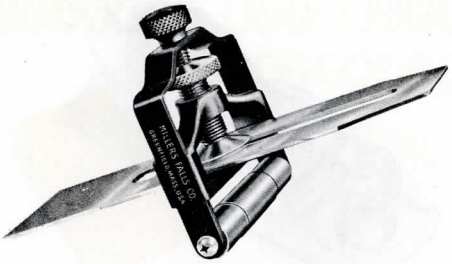
Packed 3 in a box.

BLOCK PLANE IRONS

(Order by Block Plane Number)

For Plane No.	Width	Shipping Weight
07	1⅝"	¾ lb.
5	1⅜"	¾ lb.
16	1⅝"	1 lb.
17	1⅝"	1 lb.
33	1"	⅜ lb.
45	1⅜"	¾ lb.
56	1⅜"	¾ lb.
57	1⅝"	1 lb.
68	1⅝"	1⅛ lbs.
75	1⅝"	1 lb.
87	1⅝"	1⅛ lbs.
206B	1⅝"	1⅛ lbs.
700	1⅝"	1⅛ lbs.
707	1⅝"	1⅛ lbs.
1455	1⅜"	¾ lb.

All Block Plane Irons packed 6 in a box.

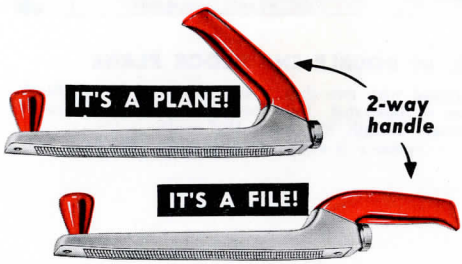


NO. 240 PLANE IRON SHARPENER

A simple positive device for honing plane irons and chisels at any desired angle. More accurate than free hand honing and lengthens life of blade. Capacity, 2⅝".

Packed 1 in a box. Shipping weight: ⅝ lb.

SANDING, SHAPING & SMOOTHING TOOLS



NO. 1220 PLANE-'R-FILE

This remarkably efficient new tool does all kinds of planing, filing, shaping and smoothing on woods, plastics, and metals . . . even tough steel. It's patented, non-clogging blade is double-sided for double-life. Made of specially hardened English steel, it is flexible and durable with extra hard cutting edges that are not damaged by nails, screws, or similar obstructions. The Plane-'R-File has a die-cast aluminum body, handsomely finished in gray metallic enamel and with red molded plastic knob and reversible handle.

No. 1220 complete with coarse blade.

Length		Height		Width	Net
As Plane	As File	As Plane	As File	of Blade	Weight
11¼"	15"	5½"	2¼"	1¼"	10 oz.

Individually boxed. Shipping weight: ¾ lb.

Extra Blades

No.	Grade	Teeth per Inch	Length	Width	Net Weight
1226 Blade	Medium	10½"	10¼"	1¼"	1 oz.
1227 Blade	Coarse	7"	10¼"	1¼"	1 oz.

Each blade cellophane wrapped.

Packed 6 blades in a display box. Shipping weight: 7 oz.

TUNGSTEN CARBIDE ABRASIVES

TUNGSTEN CARBIDE HAND SANDERS

These remarkable Hand Sanders last a lifetime of normal use. They sand wood, plastics and composition materials. Twice as fast as sandpaper. Diamond-hard tungsten carbide particles are permanently bonded to a strong steel back, providing an abrasive that always stays sharp and won't wrinkle, shred or tear. Two models, "medium" and "fine", are each complete units — no need to change sheets for different jobs. 2¾" x 5½" wooden block with ⅛" felt pad.

No.	Grit	Shipping Weight
555	Fine (150)	3 lbs.
556	Medium (80)	3 lbs.

Packed 10 in a box.

NO. 5556 HAND SANDER MERCHANDISER

An effective eye-catcher, this unit displays five each fine and medium grit Tungsten Carbide Hand Sanders and highlights the key selling points for maximum impact. Uses minimum counter space . . . 9" wide, 5½" deep and 17" high. Printed in red and black on white. Display unit free with following assortment:

5 No. 555 Tungsten Carbide Hand Sanders
5 No. 556 Tungsten Carbide Hand Sanders

Packed 1 in a box. Shipping weight: 3⅞ lbs.

TUNGSTEN CARBIDE BLADES FOR PLANE-'R-FILE

Versatile blades sand and shape smoothly in any direction. Diamond-hard tungsten carbide particles permanently bonded to a strong steel shoe, forming a clog-free and permanently sharp abrasive. Available in three grits.

No.	Grit	Length	Width	Shipping Weight
1255	Fine	10¼"	1¼"	1 lb.
1256	Medium	10¼"	1¼"	1 lb.
1257	Coarse	10¼"	1¼"	1 lb.

Each blade cellophane wrapped.
Packed 10 blades in a display box.

TUNGSTEN CARBIDE SANDING SHEETS

Lifetime abrasive sheets for orbital-type sanders outlast hundreds of sheets of sandpaper . . . eliminate frequent changing of worn-out paper. Diamond-hard tungsten carbide particles are spaced to resist loading . . . stay sharp indefinitely. Twice as fast as sandpaper, tungsten carbide sheets are easily cleaned with wire brush or solvent. Available in medium, fine and extra-fine grits.

No.	Grit	Shipping Weight
9080	Medium (80)	⅝ lb.
9120	Fine (120)	⅝ lb.
9150	Extra-fine (150)	⅝ lb.

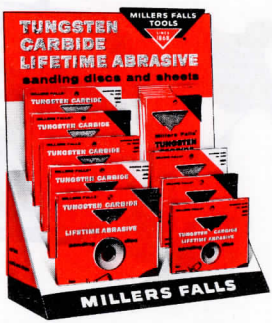
Packed 1 in a sleeve — 4 sleeves in a box.

TUNGSTEN CARBIDE SANDING DISCS

For fast cutting and smooth finishing with circular power sanders, drills and attachments. They sand wood, plastics, plaster and composition materials twice as fast as sandpaper. Coarse grits ideal for quick removal of paint. Won't load. Diamond-hard tungsten carbide particles permanently bonded to strong steel back . . . stay sharp indefinitely. Available in 5" and 6" discs.

No.	Size	Grit	Shipping Weight
6036	6" Extra Coarse	(36)	⅞ lb.
6046	6" Coarse	(46)	⅞ lb.
6080	6" Medium	(80)	½ lb.
6120	6" Fine	(120)	½ lb.
6150	6" Extra Fine	(150)	½ lb.
8080	5" Medium	(80)	⅜ lb.
8120	5" Fine	(120)	⅜ lb.
8150	5" Extra Fine	(150)	⅜ lb.

Packed 1 in a sleeve — 4 sleeves in a box.



NO. 869 TUNGSTEN CARBIDE MERCHANDISER

This well-constructed, three-color display contains an assortment of 33 colorfully-packed Tungsten Carbide Sanding Sheets and Discs. Both the display unit and the individual lithographed sleeves capitalize on self-service impulse sales. Designed for counter or window use, the No. 869 Merchandiser measures 17½" high, 14" wide and 6½" deep. Display fixture is free with the following assortment of Tungsten Carbide Sheets and Discs.

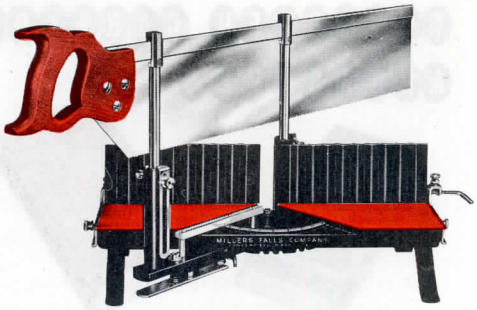
3 No. 9080 3-11/16" x 9" Sheet (80 grit)
3 No. 9120 3-11/16" x 9" Sheet (120 grit)
3 No. 9150 3-11/16" x 9" Sheet (150 grit)
3 No. 6036 6" Disc (36 grit)
3 No. 6046 6" Disc (46 grit)
3 No. 6080 6" Disc (80 grit)
3 No. 6120 6" Disc (120 grit)
3 No. 6150 6" Disc (150 grit)
3 No. 8080 5" Disc (80 grit)
3 No. 8120 5" Disc (120 grit)
3 No. 8150 5" Disc (150 grit)

Packed 1 in a carton. Shipping weight: 6 lbs.

MILLERS FALLS TOOLS
SINCE 1868

MITRE BOXES

First Choice of Professionals the World Over

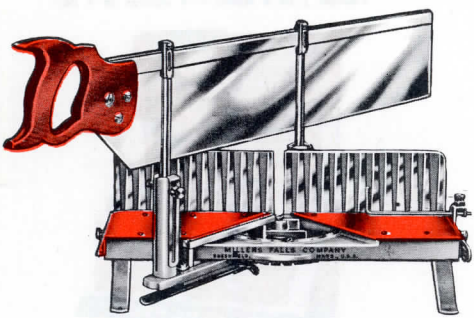


ALL STEEL MITRE BOXES

Rugged all steel construction assures accuracy and dependability. Rigid and unbreakable in use. "Oilite" bearing saw guides. Saw swings freely from 45° to 90°, left or right, on extendable swinging lever, and can be locked at any angle. Automatic index at 0°, 9°, 22½°, 30°, and 45°, right or left. Automatic catch holds saw elevated when desired. Length gauge and acute angle attachment is regular equipment. Capacity all sizes — 10½" at right angles — 7¼" at mitre. Saws furnished are of the finest quality.

No.	Complete with Saw Size Saw	Shipping Weight
1244C	24" x 4"	30 lbs.
1264C	26" x 4"	30 lbs.
1285C	28" x 5"	32 lbs.
1305C	30" x 5"	34 lbs.
1306C	30" x 6"	34 lbs.

Packed 1 in a carton.

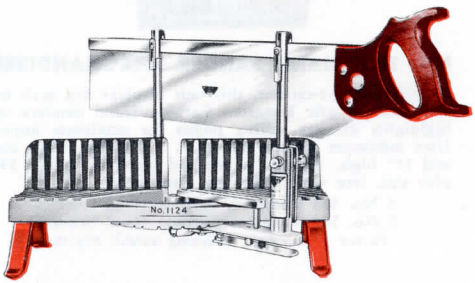


LANGDON ACME MITRE BOXES

"Langdon Acme" mitre boxes, world famous for quality, offer years of rugged, accurate performance. One-piece cast iron bed and back for strength. Offset steel legs for greater stability. "Oilite" bearing saw guides. Steel, swinging lever and posts. Graduated arc and index plate. High grade saw accurately fitted to box. Extendable swinging lever travels freely from 45° to 90°, right or left, and locks at any desired angle (automatically locks at 0°, 9°, 22½°, 30° and 45°, right or left). Automatic catch holds saw elevated when desired. Length gauge and acute angle adjustment is standard equipment. Capacity all sizes — 10½" at right angles — 7¼" at mitre.

No.	Complete with Saw Size Saw	Shipping Weight
72C	24" x 4"	32 lbs.
73C	26" x 4"	34 lbs.
74C	28" x 5"	36 lbs.
75C	30" x 5"	38 lbs.

Packed 1 in a carton.

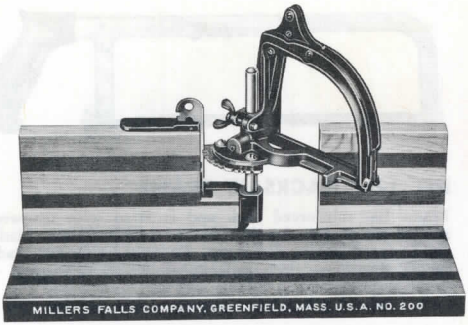


ECONOMY MITRE BOX

Patterned after the Langdon Acme but smaller. Most accurate mitre box of its size on the market. One-piece cast iron bed and back. Legs are offset so box will not tip when saw pressure is applied. Swinging lever (45° to 90°, right or left) automatically locks in most used angles. Bed and lever assembly in gray enamel, legs in red. All exposed parts except saw are nickel plated. Automatic catch holds saw elevated when desired. Capacity — 8¾" at right angles — 6" at mitre.

No.		Shipping Weight
1124	With 24" x 4" Saw	30 lbs.
1120	Supplied without Saw	25 lbs.

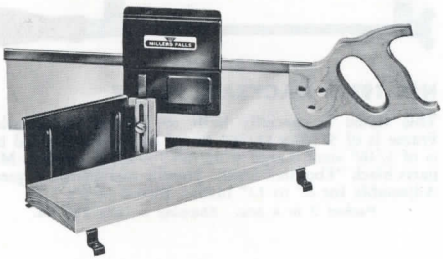
Packed 1 in a carton.



NO. 200 WOOD FRAME MITRE BOX

Laminated wood frame. Saw guide mounted on steel post and designed for use with a back saw or hand saw. Has steel index plate marked for the six most commonly used angles. Guide may be swung and locked at any desired angle. Dimensions: 16" x 4¾" x 4".

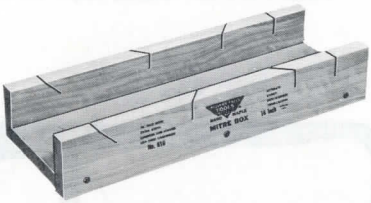
Packed 1 in a carton. Shipping weight: 6⅞ lbs.



ADJUSTABLE MITRE BOX

An accurate, adjustable mitre box. Sturdy steel and wood construction. Heavy pressed steel back ribbed for extra strength. Die cast guide post holds steel saw guides. Positive depth lock, adjustable 0" to 3". Accurate angle cuts 0° to 50° with graduated index plate and quick-acting lock. Lacquered hardwood bed. Holes in steel legs for bench fastening. Front legs "lipped" for bench stops when sawing. Accommodates standard hand or back saw.

	Complete with Saw	
No.	Size Saw	Shipping Weight
1816	4" x 16"	6⅝ lbs.
	Without Saw	
No.		Shipping Weight
816	For 4" Saw	5 lbs.



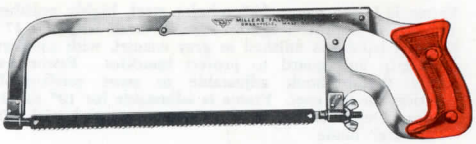
HARD MAPLE MITRE BOX

Made of selected kiln dried rock maple. Extra-broad 5' width insures stability and increases capacity. Entire length of front is "lipped" at bottom to hold box firmly against bench edge when cutting. Precision cut edges are jointed and rabbeted to prevent misalignment. One 45° face mitre, two regular 45° mitres, and one 90° square cut.

No.	Length	Shipping Weight	Packed
612	12"	27 lbs.	12 per box
616	16"	18 lbs.	6 per box

SAWS & KNIVES

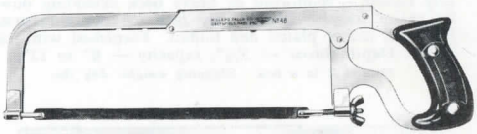
HACKSAW FRAMES



NO. 84 HACKSAW FRAME

Quality steel frame 3/16" thick by 13/16" wide, with back, clips and handle frame of heavy steel. Unbreakable and non-inflammable red transparent molded "Tenite" handle. Frame is adjustable and is polished, nickeled and buffed. Furnished with 10" "Blu-Mol" High Speed blade. Depth of throat — 3¼", capacity 8" to 12".

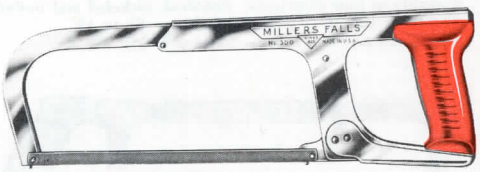
Packed 1 in a box. Shipping weight: 2½ lbs.



NO. 48 HACKSAW FRAME

Has unbreakable black "Tenite" pistol grip handle. Adjustable for 8" to 12" blades. Nickeled and buffed steel frame 3/16" by 11/16". Furnished with 10" blade. Depth throat — 3¼", capacity 8" to 12".

Packed 1 in a box. Shipping weight: 2 lbs.

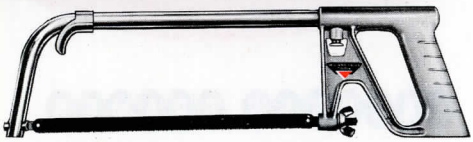


NO. 300 HACKSAW FRAME

A popular frame with lever tensioning device. Pull down lever under handle to relieve tension. Steel frame 3/16" x ¾". Unbreakable red "Tenite" molded handle. Blades may face in four directions. Furnished with 10" "Tuf-Flex" blade. Metal parts nickeled and polished. Depth of throat — 3⅞", capacity 10" to 12".

Packed 1 in a box. Shipping weight: 2⅜ lbs.

MILLERS FALLS TOOLS
SINCE 1868



NO. 1414 HACKSAW FRAME (Tubular)

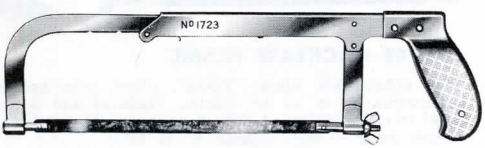
Frame is heavy gauge 5/8" tubular steel, highly polished and plated to protect against rust. Overall length is 17". Die-cast handle is finished in gray enamel, with comfortable grip and guard to protect knuckles. Frame has handy thumb hook adjustable to most comfortable position for the user. Frame is adjustable for 10" to 12" blades. Depth of cut is 4". Comes equipped with 10" "Tuf-Flex" blade.

Packed 1 in a box. Shipping weight: 1¾ lbs.

NO. 1027 HACKSAW FRAME

A popular, fine quality frame. Molded rubber pistol grip handle — reinforced by heavy back extending down its entire length. Blades may face in four directions. Polished, nickel plated and buffed. Furnished with 10" blade. Depth throat — 3¼", capacity — 8" to 12".

Packed 2 in a box. Shipping weight: 3⅜ lbs.



NO. 1723 HACKSAW FRAME

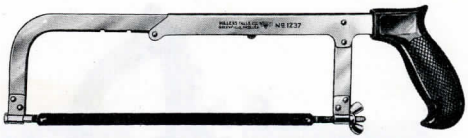
Adjustable steel frame for 8" to 12" blades with pressed steel pistol grip handle. Furnished with 10" blade faceable in four directions. Polished, nickeled and buffed. Depth of throat — 3½", capacity — 8" to 12".

Packed 2 in a box. Shipping weight: 3¼ lbs.

NO. 168 HACKSAW FRAME

Rigid all-metal adjustable frame made from 5/32" x 11/16" stock. All-metal pistol grip handle. Blades may face in four directions. Furnished with 10" blade. Depth throat — 2¾", capacity — 8" to 12".

Packed 4 in a box. Shipping weight: 6 lbs.



NO. 1237 HACKSAW FRAME

Frame has reinforced back and is fitted with tempered rubber pistol grip handle. Buffed nickel finish. Blades can be faced in four directions. Furnished with 10" blade. Depth throat — 3¼", capacity — 8" to 12", stock — 3/16" x 11/16".

Packed 2 in a box. Shipping weight: 3¼ lbs.

NO. 1934B HACKSAW FRAME

This frame is specially built to Federal Specifications. Frame is of 3/16" x 11/16" round edge steel. Folded back is of 1/16" steel. Large wing nut for blade tension. Metal parts black "Ebonite" finish. Handle mahogany lacquered. Adjustable for 8" to 12" blades, throat — 3".

Packed 2 in a box. Shipping weight: 2¼ lbs.

NO. 99 HACKSAW FRAME

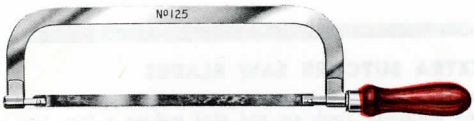
Handle is black composition, reinforced its full length. Well-constructed solid steel frame permits ample tension on the blade by means of a wing nut. Blade can be faced four ways. Frame is nickel plated and comes with one 10" blade. Quickly adjustable for 8" to 12" blades.

Packed 4 in a box. Shipping weight: 4⅞ lbs.

NO. 1919 HACKSAW FRAME

This nickel plated solid steel frame is built for years of rugged duty. Quickly adjusts to 8", 10" or 12" blades. Depth of cut: 3⅜". Durable pistol grip designed for comfort and perfect balance.

Packed 12 in a box. Shipping weight: 11 lbs.
6 boxes (72 frames) in a master carton. Shipping weight: 70 lbs.



NO. 125 and 126 HACKSAW FRAMES

Low-priced but a well-made, dependable hacksaw frame. Turn handle for blade tension. Blade may be faced in four directions. Nickel plated. Mahogany finished handle. Furnished with blade for each frame.

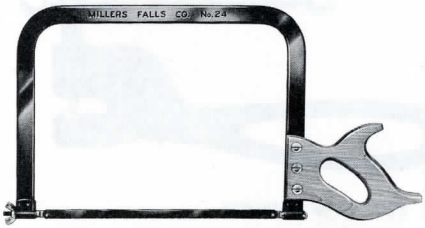
No.	Capacity	Throat Depth	Shipping Weight
125	10"	3 1/8"	1 7/8 lbs.
126	12"	3 1/8"	2 3/8 lbs.

Packed 2 in a box.

NO. 515A HACKSAW FRAME

Heavy duty frame for work on rods and bars, structural shapes, etc. Blade tension is secured by turning wing nut. Blade faceable in four directions. Black enamel finish. Mahogany finished hardwood handle. Furnished with 12" blade. Stock 1/4" x 1", depth throat—5 1/4", capacity—12".

Packed 1 in a box. Shipping weight: 2 5/8 lbs.



NO. 24 RAIL SAW

Deep throated, heavy frame for large work. Black enameled frame made of 1/4" x 1" steel. Selected beech handle. Wing nut for blade tension. Furnished with 12" blade faceable in four directions. Depth throat — 10 1/4", capacity — 12".

Packed 1 in a box. Shipping weight: 4 lbs.

"TUF-FLEX" ® (Patented) ALLOY STEEL — Super Flexible — All Hard

A remarkable, unbreakable, general purpose saw made of a patented (U.S. No. 2,252,869) alloy steel; super-flexible, super-tough, practically non-strippable teeth. Best all around blade for cutting hard and soft steels.

Lgth. In.	Width In.	Thick-ness In.	Order by Numbers Below — Teeth per Inch 14	18	24	32	Wt. Per 100
10	1/2	.025		53FH	63FH	73FH	3 1/2
12	1/2	.025	45FH	55FH	65FH	75FH	4 3/8

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

"BLU-FLEX" ® HAND HACKSAW BLADES

This is the famous Millers Falls Blu-Mol blade with a tough, flexible back — unbreakable in use. The hard, high speed cutting teeth are wear resistant having received the identical processing of the Blu-Mol blade. This remarkable new high speed blade is a cost cutter wherever a high percentage of cutting is on the harder alloy steels. Its extreme flexibility eliminates the high cost of breakage and insures every cent's worth of its cutting value being delivered in useful work. Blu-Flex is outstanding where cutting is toughest.

Lgth. In.	Width In.	Thick-ness In.	Order by Numbers Below — Teeth per Inch 14	18	24	32	Wt. Per 100
10	1/2	.025		1018BF	1024BF	1032BF	3 7/8
12	1/2	.025	1214BF	1218BF	1224BF	1232BF	4 5/8

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

NO. 5522 HACKSAW BLADE MERCHANDISER

Popular TUF-FLEX standard and BLU-FLEX premium hand hacksaw blades. Blade sleeves have transparent front for quick identification. Information on selection and proper use of blades printed on back. Display is free with following assortment of blades:

Blade Size	BLU-FLEX (1 per sleeve) Quantity	No.	TUF-FLEX (2 per sleeve) Quantity	No.
12" x 18T	10 ea.	S1218BF	20 ea.	S55FH
12" x 24T	10 ea.	S1224BF	20 ea.	S65FH
12" x 32T	5 ea.	S1232BF	10 ea.	S75FH
10" x 18T	10 ea.	S1018BF	20 ea.	S53FH
10" x 24T	10 ea.	S1024BF	20 ea.	S63FH
10" x 32T	5 ea.	S1032BF	10 ea.	S73FH

Packed 1 in a box. Shipping weight: 9 3/4 lbs.

BACK-UP STOCK: Packed 2 per sleeve, 50 per box for TUF-FLEX and 1 per sleeve, 20 per box for BLU-FLEX in all above sizes. Use "S" prefix on blade number to designate sleeve packs.

"BLU-MOL" ® MOLYBDENUM HIGH SPEED

Made of very high quality Molybdenum High Speed Steel. Outstanding in its performance from every angle — accuracy of cuts — speed of cutting and resistance to wear. Blu-Mol Blades guarantee lower cutting costs.

All Hard High Speed

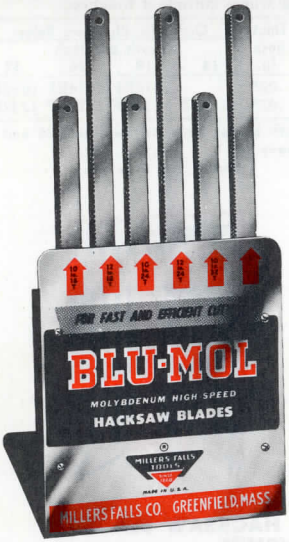
Lgth. In.	Width In.	Thick-ness In.	Order by Numbers Below — Teeth per Inch 14	18	24	32	Wt. Per 100
10	1/2	.025		1018M	1024M	1032M	3 7/8
12	1/2	.025	1214M	1218M	1224M	1232M	4 3/4

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

MILLERS FALLS TOOLS

SINCE 1868



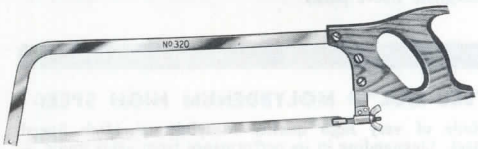
NO. 1112 "BLU-MOL" ® MERCHANDISER

For years, "Blu-Mol" hacksaw blades have been favorites with professional craftsmen and industrial buyers. Made of extremely fine-quality Molybdenum high speed steel, they are outstanding for general use and for fast, true cutting of hard, tough alloy steels. Sales can be multiplied many times over when these remarkable blades are prominently displayed in the compact, eye-catching No. 1112 Merchandiser. Beautifully finished in gold, blue and red on a chrome panel, it requires only 4½" x 8" of counter or window space and is sturdily built of wood and pressed wood. Fixture is supplied free with initial order for the unit. Blade assortment is as follows:

10 No. 1018M—10"—18T
10 No. 1024M—10"—24T
5 No. 1032M—10"—32T
10 No. 1218M—12"—18T
10 No. 1224M—12"—24T
5 No. 1232M—12"—32T

Packed 1 in a carton. Shipping weight: 3¾ lbs.

BUTCHER SAWS



NO. 320 BUTCHER SAW FRAME

Well-balanced frame for three lengths of blades. Made of ¾" x ¼" round edge polished steel. Heavy wing nut and stud for blade tension. Hardwood handle with natural lacquer finish. Furnished with polished and tempered ⅝" blade. Depth throat — 5".

No.	Length Blade	Shipping Weight
320	18"	4⅜ lbs.
320	22"	4⅞ lbs.
320	24"	5⅜ lbs.

Packed 2 in a box.

EXTRA BUTCHER SAW BLADES

Made from high quality spring steel, ⅝" wide. Ground and polished. Teeth set and filed making a free, fast-cutting blade. Ends rounded and punched to length.

No.	Length	Shipping Weight
420	18"	5¼ lbs.
420	22"	6⅛ lbs.
420	24"	7 lbs.

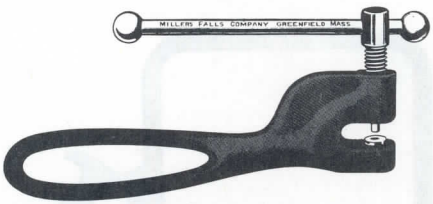
Packed one-half gross in a box.

BUTCHER SAW COILS

Quality spring steel, tempered, ground and polished Butcher Saw Coils. Teeth are filed, set and refiled after setting. Made in two widths.

No.	Width	Teeth	Coils	Shipping Weight
251	⅝"	11	25 ft.	1¾ lbs.
252	¾"	11	25 ft.	1⅝ lbs.
311	⅝"	11	50 ft.	2½ lbs.
312	¾"	11	50 ft.	3⅛ lbs.

Packed 1 in a box.



NO. 200 SAW PUNCH

Butcher Saw Frames vary so much in size that many users buy unpunched or coiled blades. This inexpensive punch has black enameled, malleable iron frame . . . polished steel screw and crossbar . . . and fine tool steel punch and die carefully hardened and tempered to punch through spring steel easily. Length, 5¾". Size of hole punched: 11/64".

Packed 1 in a box. Shipping weight: 9 oz.

KITCHEN SAWS

NO. 83 KITCHEN SAW FRAME

A well made, low priced saw for home use. Frame made of ½" x 3/16" round edge steel. Natural lacquer finished hardwood handle. Excellent for bone, frozen foods, plastics, wood, soft metals, ivory, etc. A polished and tempered 14" x ½" blade furnished free.

Packed 4 in a box. Shipping weight: 4⅛ lbs.

Extra Blades

Packed in bulk. Weight each: 1 oz.

NO. 86 KITCHEN SAW

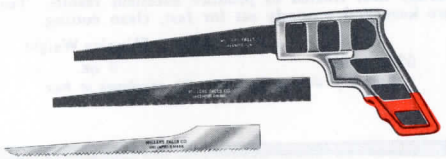
New design low price saw for home use. Wrapped in attractive paper sleeve. Round edge steel frame ½" x 3/16". New style natural lacquer finish hardwood handle. Wing nut for blade tension. Excellent for bone, frozen foods, plastics, wood, soft metals, ivory, etc. Furnished with polished and tempered stainless steel 14" x ½", 10-tooth blade filed and set for fast, free cutting.

Packed 4 in a box. Shipping weight: 4⅛ lbs.

No. 868 Extra Blades

Packed 5 in a package. Shipping weight: ¼ lb.

KEYHOLE SAWS



NO. 237 KEYHOLE SAW

Cuts nails, metal lath, plaster board, stucco, BX conduit, wood and gets into places where an ordinary hacksaw frame can't be used. Hand-fitting pistol grip handle is finished in gray and red enamel. Complete with one No. 7 (18 tooth) blade, reversible to get into corners. Mounted on an attractive card 13¼" x 6⅛".

	Length Blade	Overall Length	Shipping Weight
No. 237 with No. 7 Blade	7½"	10"	1⅞ lbs.

Carded and packed 6 in a box.

Extra Blades

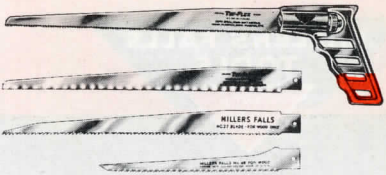
Type of Blade	Length Blade	Teeth per Inch of Blade	Shipping Weight
No. 7 Metal Cutting	7½"	18	8 oz.
No. 8 Metal Cutting	7½"	24	8 oz.
No. 9 Wood Cutting	7½"	9	6 oz.

Packed 12 in a box.

NO. 2370 "NEST OF SAWS"

No. 237 Saw complete with No. 7 Blade mounted on a colorful card with two extra blades — one No. 8 and one No. 9.

Carded and packed 12 in a box. Shipping weight: 5 lbs.



NO. 525 ROTATABLE BLADE KEYHOLE SAW

Saw most anything — most anywhere. Cut steel, iron, wood, plastics, nails, metal lath, asbestos board, etc. Do all the work that other saws cannot reach or cut. The blades can be faced and locked in eight positions. Blades are easily interchangeable. Finished in attractive red and gray enamel.

	Type of Blade	Teeth per Inch of Blade	Shipping Weight
No. 525 with No. 10 Blade	Combination	10	1 lb.

Packed 1 in a box.

Extra Blades

No. 10	12"	Combination	10	13 oz.
No. 24	12"	Metal Cutting	24	14 oz.
No. 27	12"	Wood Cutting	7	14 oz.
No. 49	8"	Wood Cutting (with sharp point)	9	¼ lb.

Packed 6 in a box.

NO. 725 "NEST OF SAWS"

No. 525 Keyhole Saw complete with No. 10 Blade mounted on a colorful card with two extra blades, one No. 24 and one No. 27.

Carded and packed 4 in a box. Shipping weight: 6⅛ lbs.

NO. 5256 KEYHOLE SAW MERCHANDISER

Ruggedly built wood display stand finished and silk screened in three colors. Known as the silent salesman of the No. 525 Keyhole Saw, it is entirely free with an initial order for six No. 525 Saws and three extra No. 10 Blades. Base 4¾" x 9⅜". Overall height 16".

Packed 1 in a carton. Shipping weight: 8 lbs.

MILLERS FALLS TOOLS
SINCE 1868

COMPASS SAW

NO. 345 COMPASS SAW

Exclusive 2-way handle for regular sawing and flush sawing. Furnished with 14" 8-point tempered steel blade. Needle-sharp teeth carefully filed and set. Clear-lacquered hardwood handle is full size — easy to hold. Large wing nut locks blade securely in place, simplifies blade changing. 12" blade also available.

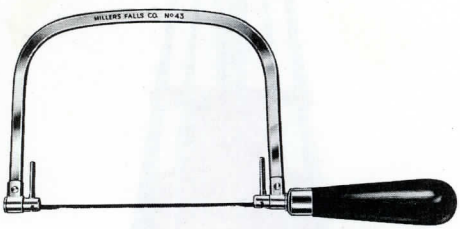
Packed 6 in a box. Shipping weight: 4¼ lbs.

Extra Blades

	Length	Shipping Weight
No. R-14	14"	1⅛ lbs.
No. R-12	12"	1 lb.

Packed 6 in a box.

COPING SAWS

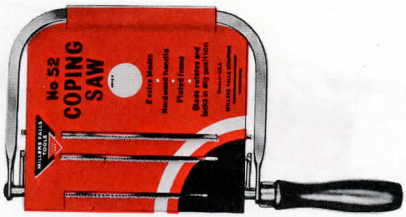


NO. 43 and 47 COPING SAW FRAMES

These frames are identical except for their depth of throat and handle color. They are made of 3/16" x ⅜" round edge spring steel. Studs hold 6 or 6½" blades of loop-end or pin-end types. Blades can be rotated and locked in any position. Turning hardwood handle controls blade tension. Furnished with one No. 65 blade. Exposed metal parts nickeled and buffed.

No.	Depth of Throat	Handle Color	Shipping Weight
43	4¾"	Black	2¼ lbs.
47	6½"	Red	2¾ lbs.

Packed 4 in a box.



NO. 52 COPING SAW FRAME

Sturdy, plated steel frame with 5" throat. Blade rotates and locks in any position. Cuts wood, plastic, composition materials. Takes all 6½" pin-end or lock-loop blades. Furnished complete with three blades. Hardwood handle finished in rich black. Sales features printed on colorful "bull's-eye" card.

Packed 10 in a box. Shipping weight: 4¼ lbs.

NO. 50 COPING SAW BLADES

Blades are of loop-end design, made of fine steel uniformly heat treated to produce excellent results. Teeth are keen and properly set for fast, clean cutting.

	Shipping Weight
6" x 1/16"	5 oz.

Packed 1 doz. in envelope, 12 envelopes in box.

NOS. 60 and 65 COPING SAW BLADES

Uniformly heat treated to produce best result. Teeth are keen and properly set for fast, clean cutting. These pin-end blades are heavier and will outwear finer tooth loop-end blades such as the No. 50.

No.	Length	Shipping Weight
60	6"	12 oz.
65	6½"	12 oz.

Packed 1 doz. in envelope, 12 envelopes in box.

NO. 214 SAW SET

Pistol grip pattern. Easy to obtain positive set on any saw with four to fourteen teeth per inch. Clear vision to center plunger on teeth. Steel guide and adjustable steel anvil. Frame and handle finished in grey and red enamel. Lever malleable iron. Exposed steel parts cadmium plated.

Packed 1 in a box. Shipping weight: 1⅜ lbs.

NO. 333 UTILITY KNIFE

Two-part die-cast handle is held together with a strong screw, giving easy access to the four extra blades inside. Scientifically designed shape combines ideal grip with graceful appearance. Hole in end of handle makes it easy to hang knife on hook or nail.

Packed 6 in a display carton. Shipping weight: 1¼ lbs.

Extra Blades for Utility Knife

No. 3318 (0.018" thick)
No. 3325 (0.025" thick)

Packed 5 blades in a package, 20 packages in a box. Shipping weight: 14 oz.

NO. 3318C STANDARD DUTY UTILITY KNIFE BLADE MERCHANDISER

Get that repeat business on blades for Millers Falls No. 333 Utility Knife the fast, easy, self-service way. Individual packages each containing five blades quickly slip off "hang-up" card with attractive "bulls-eye" design. Each card displays 10 packages of No. 3318 Standard Duty Blades (0.018" thick).

Packed 2 cards of 50 blades each in a box. Shipping weight: 1 lb.

NO. 3325C HEAVY DUTY UTILITY KNIFE BLADE MERCHANDISER

Same as No. 3318C above but displaying 10 packages of No. 3325 Heavy Duty Blades (0.025" thick).

Packed 2 cards of 50 blades each in a box. Shipping weight: 1¼ lbs.

NO. 789 SAW-KNIFE SET

Cuts most anything — wood, metal, plywood, plastic, frozen foods, etc. Consists of No. 333 Utility Knife complete with 5 No. 3318 Blades in handle; No. 9 9-tooth wood cutting saw blade; No. 7 18-tooth metal cutting saw blade; and No. 8 24-tooth metal cutting saw blade.

Packed 6 cards in a box. Shipping weight: 2½ lbs.

BIT BRACES

NO. 5010A DELUXE BRACE

A beautifully designed bit brace with all exposed metal parts chrome plated. New style full ball bearing chuck with self-centering jaws gives greater accuracy resulting in straighter boring. Holds square and round (⅛" to ½" dia.) shanks. Transparent red "Tenite" handle and head on "Oilite" bearings. Sweep — 10".

Packed 1 in a box. Shipping weight: 4⅛ lbs.

MILLERS FALLS TOOLS
SINCE 1868

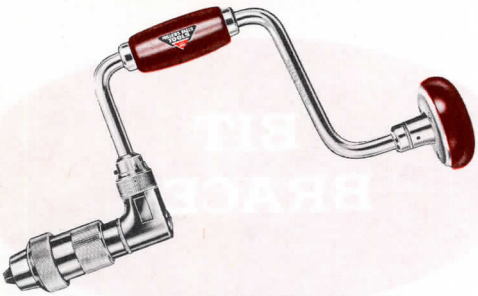
BIT BRACES
(continued)

NO. 1321 - 1324 RATCHET BRACES

A popular style brace with "Barber" chuck. Forged steel alligator jaws for square shanks. Boxed ratchet with ring shift. Inserted metal rings in handle. Exposed metal parts nickel plated.

No.	Sweep	Shipping Weight
1321	12"	7 1/8 lbs.
1322	10"	6 5/8 lbs.
1323	8"	5 3/4 lbs.
1324	6"	5 3/8 lbs.

Packed 2 in a box.



NO. 770A - 772A RATCHET BRACES

Fine quality brace equipped with "Lion" ball bearing, self-centering chuck holding round (1/8" to 1/2" dia.) and square shanks. Boxed ratchet with ring shift. Tropical hardwood head and handle. Exposed metal parts nickel plated and buffed.

No.	Sweep	Shipping Weight
770A	14"	8 3/4 lbs.
771A	12"	7 3/4 lbs.
772A	10"	7 3/8 lbs.

Packed 2 in a box.

NO. 1950 RATCHET BRACE

A high quality brace with appealing style and medium price. Glossy red "Tenite" unbreakable plastic head and handle. Semi-boxed steel ratchet. Exposed metal parts nickel plated. Barber pattern chuck with forged steel jaws. Sweep — 10".

Packed 2 in a box. Shipping weight: 5 3/4 lbs.

NO. 730A - 733A RATCHET BRACES

Our fastest selling brace. Boxed ratchet mechanism. Has new self-centering chuck. Holds square and round shanks 1/8" to 1/2" dia. Tropical hardwood head and handle. Exposed parts nickel plated.

No.	Sweep	Shipping Weight
730A	14"	8 5/8 lbs.
731A	12"	7 3/4 lbs.
732A	10"	7 lbs.
733A	8"	6 3/8 lbs.

Packed 2 in a box.

NO. 1708 - 1712 RATCHET BRACES

Equipped with a Barber chuck with alligator jaws and semi-boxed steel ratchet. Knurled shifter ring controls ratchet mechanism. Steel clad, ball bearing head and sweep handles made from top-grade hardwood with natural cherry finish. Exposed parts nickel plated.

No.	Sweep	No. Packed in Box	Shipping Weight
1708	8"	2	5 lbs.
1710	10"	4	10 1/2 lbs.
1712	12"	2	5 3/4 lbs.

NO. 1410 RATCHET BRACE

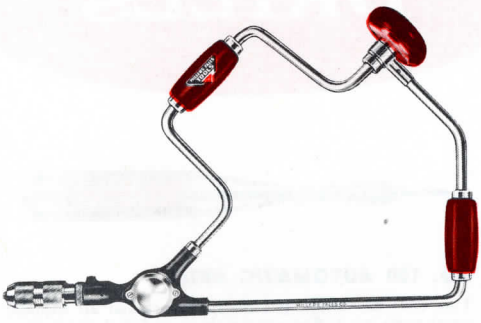
A serviceable brace at a popular price. Equipped with a Barber chuck with alligator jaws and a semi-boxed ratchet mechanism operated by a knurled ring shift. Handles are rich black stained hardwood. Exposed metal parts polished. Sweep — 10".

Packed 4 in a box. Shipping weight: 9¼ lbs.

NO. 7312A WHIMBLE BRACE

A double leverage brace for extra heavy work as encountered in dock, railroad and other heavy construction work. New style full ball bearing chuck with self-centering jaws. Heavy 9/16" dia. sweep rod. Boxed ratchet with ring shift. Tropical hardwood handle and ball bearing head. Exposed metal parts nickel plated. Sweep — 12".

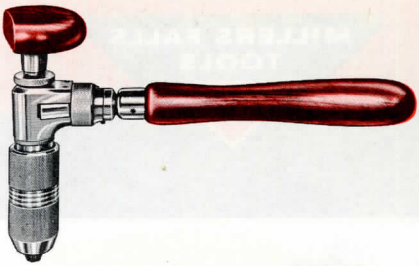
Packed 2 in a box. Shipping weight: 8¾ lbs.



NO. 502A CORNER BRACE

Ideal for boring in corners, against walls and beams. Master chuck holds round and square shanks. Ball thrust bearing at chuck. Machine cut steel gears. Frame black enameled. Exposed metal parts nickel plated and buffed. Head and handle hardwood mahogany finished. Sweep — 10".

Packed 2 in a box. Shipping weight: 10⅜ lbs.



NO. 737 RIGHT ANGLE BRACE

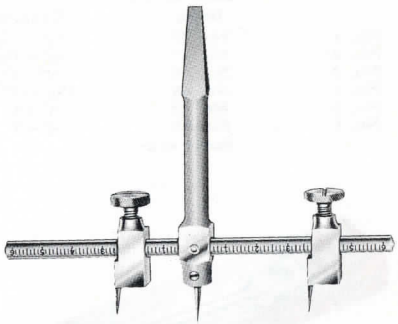
Bores holes in close quarters . . . slabbed side on head and close-coupled design permit use against perpendicular surfaces and in confined areas. Knurled ring between head and boxed ratchet mechanism can be turned by hand to start and hold bit in wood until ratchet is operated. Self-centering chuck holds square and round shank bits. Exposed metal parts nickel plated. Attractively finished hardwood handles.

Packed 2 in a box. Shipping weight: 5½ lbs.

NO. 2 AUGER HANDLE

Holds all sizes of auger bits and all but the largest sizes of ship auger shanks. Two wing nuts control clamp. Straight grained ash handle. Length, 17".

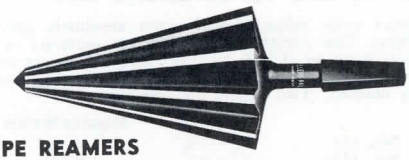
Packed 2 in a box. Shipping weight: 3 lbs.



NO. 82 GASKET CUTTER

Made entirely of steel with hardened, tempered tool steel cutters and point. Heavy graduated steel beam. Hardened square bit brace shank. Point and cutters are easily replaceable. Capacity — ⅝" to 6".

Packed 1 in a box. Shipping weight: 9 oz.



PIPE REAMERS

Time-saving tools quickly remove burrs from the ends of pipes and conduits . . . countersink or enlarge holes in sheet metal. Made of hardened and tempered steel for long life. Straight-fluted with bit brace shanks. Hundreds of uses for plumbers, electricians, tinsmiths, etc.

No.	Fits Pipe	Shipping Weight
171	⅛" - 1"	¼ lb.
172	¼" - 1¼"	½ lb.
173	¼" - 2"	1⅜ lbs.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868

NO. 47 and 48 EXPANSIVE BITS

Finely made, beautifully finished bits of the Clark pattern type. Made of finest quality bit steel. Carefully formed and sharpened spurs, screws and lips. Two cutters for each bit.

	Capacity	Shipping Weight
No. 47	1/2"—1 1/2"	1/4 lb.
No. 48	7/8"—3"	1/2 lb.

Packed 1 in a box.

Extra Cutters

	Fitting	Capacity
No. 1	No. 47	1/2"— 7/8"
No. 2	No. 47	7/8"—1 1/2"
No. 3	No. 48	7/8"—1 3/4"
No. 4	No. 48	1 3/4"—3"
No. 5	No. 48	3"—4"
No. 6	No. 48	4"—5"

Packed singly.

NO. 151 AND 152 EXPANSIVE BITS

Positive screw adjustment of cutter absolutely prevents shifting. One complete turn of screw increases or decreases diameter of hole 1/8 inch. Deep, clean cut screw, sharp spurs and cutting lips. Easy, clean cutting, beautifully finished. Two cutters for each bit.

	Capacity	Shipping Weight
No. 151	5/8"—1 3/4"	6 oz.
No. 152	7/8"—3"	9 oz.

Packed 1 in a box.

Extra Cutters

	Fitting	Capacity
No. 1	No. 151	5/8"—1 1/8"
No. 2	No. 151	1 1/8"—1 3/4"
No. 3	No. 152	7/8"—1 3/4"
No. 4	No. 152	1 3/4"—3"
No. 5	No. 152	3"—4"
No. 6	No. 152	4"—5"

Packed singly.

NO. 11 BIT EXTENSION

Solid socket type. Heavy seamless chuck shell. Follows an 11/16" diameter bit. Nickel plated and polished.

No.	Length	Shipping Weight
11	18"	1 1/8 lbs.
11	21"	1 1/4 lbs.
11	24"	1 3/8 lbs.

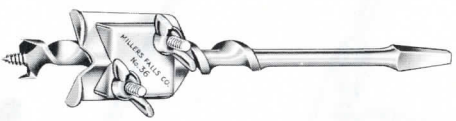
Packed 1 in a box.

NO. 35 BIT EXTENSION

Designed to follow an 11/16" bit or larger. One piece socket and shank construction. Chuck shell of extra heavy steel tubing. Drop forged steel jaws. Chuck operated by turning knurled collar. Hexagon portion for tightening with wrench. Nickel plated and polished.

No.	Length	Shipping Weight
35	18"	13 oz.
35	21"	15 oz.
35	24"	17 oz.

Packed 1 in a box.



NO. 36 BIT GAUGE

Fits twist of any type auger bit. Clamp controlled by two wing nuts. Two smooth shoes prevent marring work. Entire tool nickel plated. Length 2".

Packed 6 in a box. Shipping weight: 7/8 lb.

DRILLS

NO. 100 AUTOMATIC DRILL

This drill has bright red plastic barrel and all exposed metal parts are buffed aluminum or nickeled and buffed. Time tested operating mechanism. A magazine in handle holds eight fluted shank drill points, 1/16" to 11/64" in diameter. Selection by size or number is made through hole in cap. Points are 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 11/64" in diameter. Length — 9 1/8"

Packed 1 in a box. Shipping weight: 10 oz.

Extra Drill Points — No. 402 Set of Points (8 sizes).

Packed 1 set in a vial. Shipping weight: 1 oz.

NO. 185A AUTOMATIC DRILL

A sturdy, well known automatic drill with smooth action and long lived working mechanism constructed of hollow brass tubes with machined spiral running through a hard bronze center nut. Knurled magazine type handle with individual compartments for eight drill points indexed for size. Quick action chuck opened by slight forward pressure of thumb and closed by releasing it. Entire tool nickel plated, polished and buffed. Furnished with eight new style drill points (No. 401) 1/16" to 11/64" in diameter. Length — 10 inches.

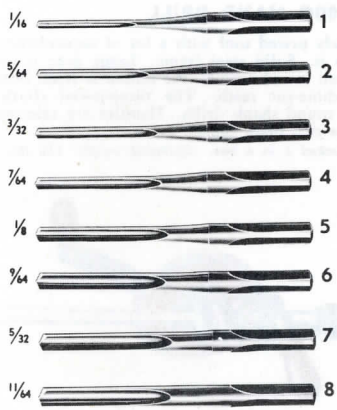
Packed 1 in a box. Shipping weight: 5/8 lb.

Extra Drill Points — No. 401 — Set of Points (8 sizes).
Packed 1 set in a vial. Shipping weight: 1 oz.

NO. 170 AUTOMATIC DRILL

Equipped with new design, quick action chuck that locks or releases drill points instantly by a slight thumb pressure. The machined spiral and the spiral nut in which it runs are of a new, tough bronze that greatly prolongs the life of these vital parts. Handle is made of red unbreakable Tenite II plastic, serrated to give a good comfortable grip. Four interior compartments for holding up to 12 drill points are securely closed by the polished aluminum end cap. No. 401 Drill Points, 5/64", 7/64", 9/64" and 11/64" are regular equipment, packed inside the handle.

Packed 1 in a box. Shipping weight: 1/2 lb.

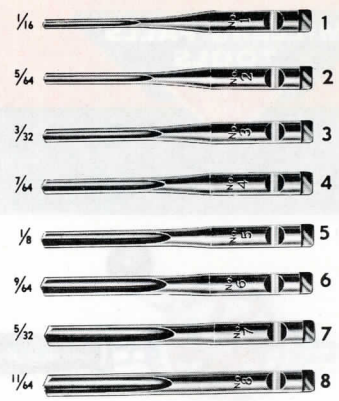


NO. 402 FLUTED SHANK DRILL POINTS

For No. 100 Automatic Drill with two-jaw chuck. Made from tool steel, hardened and oil tempered. Ideal for drilling wood or soft metals. Length — 2 inches.

No. 402 Individual Drill Points — 8 sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64".
Packed 12 in a screw-capped vial.

No. 402 Drill Point Set — 1 each of 8 sizes.
Packed 1 set in a screw-capped vial. Shipping weight: 1 oz.



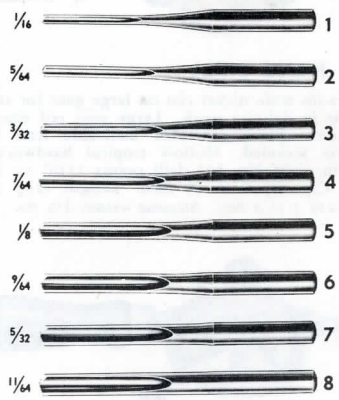
NO. 401 NEW STYLE DRILL POINTS

For Nos. 185A and 170 and some other makes Automatic Drills

Shanks have a milled base that seats positively in the bottom of the chuck, and a notch for locking in place. Made of fine grade tool steel, carefully hardened and tempered and well sharpened. They drill clean holes in hard and soft woods, soft metals, plaster, bone, wallboard and similar materials. Packed in screw-capped transparent plastic vials

No. 401 Individual Drill Points — 8 sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64".
Packed 12 in a screw-capped vial.

No. 401 Drill Point Set — 1 each of 8 sizes.
Packed 1 set in a screw-capped vial. Shipping weight: 1 oz.



NO. 403 ROUND SHANK DRILL POINTS (For Hand Drills)

Round shank drills in eight sizes from 1/16" to 11/64". Made of fine grade tool steel, carefully hardened and tempered and well sharpened. They drill clean holes in hard and soft woods, soft metals, plaster, bone, wallboard and similar materials. Packed in screw-capped transparent plastic vials. Length: 2 inches.

No. 403 Individual Drill Points — 8 sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64".
Packed 12 in a screw-capped vial.

No. 403 Drill Point Set — 1 each of 8 sizes.
Packed 1 set in a screw-capped vial. Shipping weight: 1 oz.

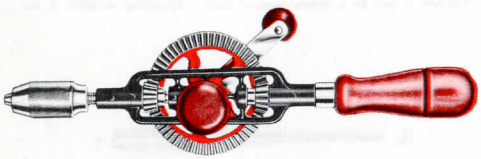
MILLERS FALLS TOOLS
SINCE 1868

NO. 2A and 2B HAND DRILLS

A sturdy iron frame drill with three-jawed chuck with protected springs holding 0 to 3/8" round shanks. Gear ratio 4½ to 1. Ball thrust bearing spindle. Two steel pinions, one drive and one idling equalizer. Black enameled frame, large gear red enameled with nickeled rim. Exposed metal parts nickel plated and buffed. Tropical hardwood end handle. No. 2A furnished with eight No. 403 drill points 1/16" to 11/64" in diameter. No. 2B has solid handle.

No.	Capacity	Length	Shipping Weight
2A (Hollow Handle)	3/8"	14½"	2¾ lbs.
2B (Solid Handle)	3/8"	15"	2⅝ lbs.

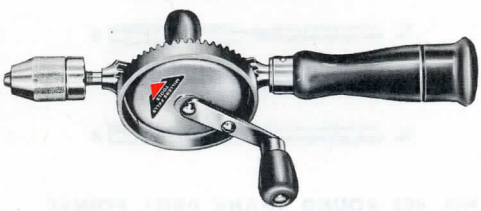
Packed 1 in a box.



NO. 5A HAND DRILL

Equipped with wide nickel rim on large gear for starting small drills in delicate work. Large gear red enameled. Steel pinions. Black enameled malleable iron frame. Metal parts nickeled. Hollow tropical hardwood end handle with eight No. 403 drill points 1/16" to 11/64" diameter. Capacity 0 to ¼ inch. Length 12⅞ inches.

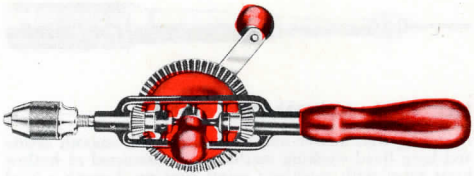
Packed 1 in a box. Shipping weight: 1⅞ lbs.



NO. 1425 HAND DRILL

Has many quality features usually found only in drills priced considerably higher. Equipped with two pinion gears for smooth operation. The frame, chuck and the ferrules for all three handles are brightly nickel plated. Drill points may be stored in the handle which is hollow and has a removable head. Pinions are of steel and the large drive gear is cast gray iron; all have machine-cut teeth. Handles are of clear-grained hardwood with a rich black finish. Chuck is of three-jaw design and holds 0 to ¼" round shank drills.

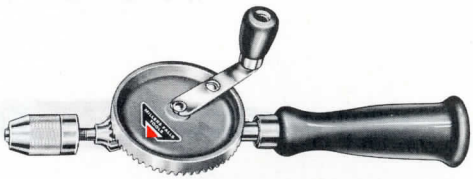
Packed 1 in a box. Shipping weight: 1 lb., 9 oz.



NO. 77A HAND DRILL

Malleable iron black enameled frame. Three-jawed chuck with protected springs holding round drills 0 to ¼" diameter. Crank and end handle mahogany finished hardwood. Two steel pinions. Large gear red enameled. Metal parts nickeled. Capacity 0 to ¼", length — 12½".

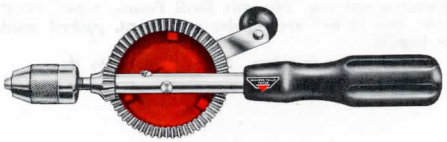
Packed 1 in a box. Shipping weight: 1¾ lbs.



NO. 1420 HAND DRILL

Has solid steel frame. Large gray iron gear and steel pinion have accurate machine-cut teeth. Nickel plated ferrules on handle and knob, which have rich black finish. The three-jawed chuck holds 0 to ¼" round shank drills.

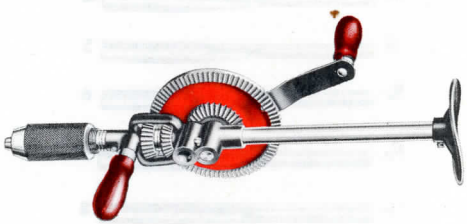
Packed 1 in a box. Shipping weight: 1½ lbs.



NO. 2500C HAND DRILL

A popularly priced tool with a lot of dependable service built into it. Solid steel frame. Large gear is cast iron and finished in red enamel; the pinion is steel. Both gears have machine-cut teeth. The three-jawed chuck holds 0 to ¼" round shank drills. Handles are selected hardwood in a rich black finish.

Packed 1 in a box. Shipping weight: 1⅜ lbs.



NO. 119A and 120B BREAST DRILLS

Low in price — high in value. Steel shank connects black enameled frame and breast plate. Two speeds with ratios 3:1 and 1:1. Steel pinions. No. 120B has three-jawed 0 to ½" capacity chuck. No. 119A has two-jawed chuck that holds ⅛" to ½" round shank drills and bit brace shanks.

No.	Capacity	Length	Shipping Weight
119A	Universal	18¼"	5½ lbs.
120B	½"	16½"	5⅜ lbs.

Packed 1 in a box.

NO. 123 POINTS AND BITS MERCHANDISER

Attractive steel cabinet organizes and displays complete assortment of Millers Falls drill points, screwdriver bits and countersinks (all fit tools of standard design other than Millers Falls). 12½" x 6" x 5½" cabinet ($5.00 value) free with tool assortment. Stands on counter or hangs on wall. 12 clear plastic drawers divided into compartments to hold merchandise. Labels identify items contained in each drawer. Full length sign measures 4½" high. Contains:

1 Vial of	12	401	#1 Points (1/16)
1 Vial of	12	401	#2 Points (5/64)
1 Vial of	12	401	#3 Points (3/32)
1 Vial of	12	401	#4 Points (7/64)
1 Vial of	12	401	#5 Points (⅛)
1 Vial of	12	401	#6 Points (9/64)
1 Vial of	6	401	#7 Points (5/32)
1 Vial of	6	401	#8 Points (11/64)
1 Vial of	6	402	#1 Points (1/16)
1 Vial of	6	402	#2 Points (5/64)
1 Vial of	6	402	#3 Points (3/32)
1 Vial of	6	402	#4 Points (7/64)
1 Vial of	6	402	#5 Points (⅛)
1 Vial of	6	402	#6 Points (9/64)
1 Vial of	6	402	#7 Points (5/32)
1 Vial of	6	402	#8 Points (11/64)
2 Vials		401	Set (1 of each size)
1 Vial		402	Set (1 of each size)
1 Env. of	3	1201	Screwdriver Bit (7/32")
1 Env. of	3	1202	Screwdriver Bit (¼")
1 Env. of	3	1203	Screwdriver Bit (9/32")
1 Env. of	3	1166	Screwdriver Bit (¼")
1 Env. of	3	1167	Screwdriver Bit (9/32")
1 Env. of	3	1168	Screwdriver Bit (5/16")
1 Env. of	3	1514	Screwdriver Bit (5/32")
1 Env. of	3	1515	Screwdriver Bit (3/16")
1 Env. of	3	1516	Screwdriver Bit (7/32")
1 Env. of	3	P11	Screwdriver Bit (Phillips #1)
1 Env. of	3	P12	Screwdriver Bit (Phillips #2)
1 Env. of	2	P13	Screwdriver Bit (Phillips #3)
1 Env. of	2	P22	Screwdriver Bit (Phillips #2)
1 Env. of	2	P23	Screwdriver Bit (Phillips #3)
1 Env. of	2	P17	Screwdriver Bit (Phillips #1)
1 Env. of	2	P27	Screwdriver Bit (Phillips #2)
1 Env. of	3	297	Screwdriver Bit (5/32")
1 Env. of	2	298	Countersink (⅜")
1 Env. of	3	299	Screwdriver Bit (¼")
1 Vial		329	Set of Points

Packed 1 in a box. Shipping weight: 8 lbs.

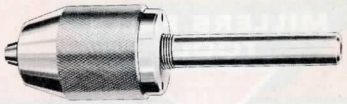
DRILL CHUCKS

NO. 153 BREAST DRILL CHUCK

Interchangeable with the three-jawed chucks furnished on any Millers Falls Breast Drills. Universal type holding ⅛" to ½" round shank drills, or square bit brace shanks. Polished and knurled.

Capacity	Back Threaded	Shipping Weight
Universal	9/16" (.560) 24NS	⅞ lb.

Packed 1 in a box.



NO. 15 - 15½ - 16 DRILL CHUCKS

Made of steel throughout with three hardened jaws actuated by springs. Supplied with or without ½" round shanks as desired. Shells polished and knurled and easily tightened and loosened by hand.

With Shanks

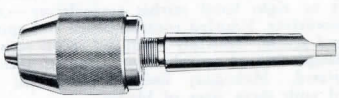
No.	Capacity	Shell Diameter	Shipping Weight
15	¼"	1"	⅜ lb.
15½	⅜"	1-5/16"	⅝ lb.
16	½"	1½"	1 lb.

Packed 1 in a box.

Without Shanks

No.	Capacity	Shell Diameter	Backs Threaded	Shipping Weight
15	¼"	1"	7/16" (.443) 26NS	¼ lb.
15½	⅜"	1-5/16"	15/32" (.467) 24NS	½ lb.
16	½"	1½"	9/16" (.560) 24NS	⅝ lb.

Packed 1 in a box.

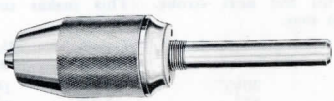


MORSE TAPER DRILL CHUCKS

These chucks are fitted with accurately turned No. 1 and No. 2 Morse Taper Shanks. All steel bodies polished and knurled with three hardened jaws actuated by springs. Easily tightened or loosened by hand.

No.	Capacity	Shipping Weight No. 1 M.T.	Shipping Weight No. 2 M.T.
15 M.T.	0-¼"	⅜ lb.	½ lb.
15½ M.T.	0-⅜"	—	¾ lb.
16 M.T.	0-½"	1 lb.	1⅛ lbs.

Packed 1 in a box.



NO. 5 - 6 - 7 DRILL CHUCKS

All steel, constructed with three hardened jaws actuated by concealed springs protected from damage. Nicely knurled shells for good grip. Regularly fitted with ½ round shanks 2½" long. Also furnished with flattened shank for set screw without extra charge.

With Shanks

No.	Capacity	Shell Diameter	Shipping Weight
5	¼"	1"	½ lb.
6	⅜"	1¼"	¾ lb.
7	½"	1½"	1⅛ lbs.

Packed 1 in a box.

Without Shanks

No.	Capacity	Shell Diameter	Backs Threaded	Shipping Weight
5	¼"	1"	7/16" (.432) 22NS	¼ lb.
6	⅜"	1¼"	7/16" (.432) 22NS	½ lb.
7	½"	1½"	9/16" (.560) 24NS	¾ lb.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868

SCREWDRIVERS

NO. 61A - 62A - 67A SPIRAL RATCHET SCREWDRIVERS

Smooth, powerful action, and tested dependability. Performs five operations: drives or draws screws — acts as a left or right hand ratchet screwdriver — or as a rigid screwdriver. Knurled control sleeve and spiral lock nut control action. Precisely machined spiral runs in two double length bronze spiral nuts. Exposed metal parts nickel plated. Mahogany finished hardwood handle. Furnished with three sizes of blades.

No.	Length Extended With Bit Inserted	Length Closed	Shipping Weight
61A	19 5/8"	14"	1 3/8 lbs.
62A	25 1/4"	17"	1 7/8 lbs.
67A	13"	9 3/4"	5/8 lb.

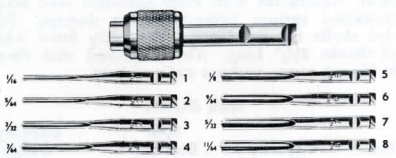
Packed 1 in a box.

NO. 610A - 620A - 670A SPIRAL RATCHET SCREWDRIVERS

Same as No. 61A—62A—67A except these models have a spring in the handle which automatically returns the handle for the next stroke. This makes one hand operation easy.

No.	Length Extended With Bit Inserted	Length Closed	Shipping Weight
610A	20 1/2"	15"	1 1/2 lbs.
620A	27"	18 7/8"	2 3/8 lbs.
670A	14"	10 1/2"	3/4 lb.

Packed 1 in a box.



DRILL ATTACHMENTS

Attachments for spiral screwdrivers converting them into drills for small holes. Ball lock chuck. Set 6700 has 3 drills furnished and sets 6100 and 6200 have eight drills.

No.	For Screwdriver	Size Drills	Shipping Weight
6100	61A & 610A	1 to 8	2 1/2 oz.
6200	62A & 620A	1 to 8	2 1/2 oz.
6700	67A & 670A	1 to 3	1 1/2 oz.

Packed 1 set in a round wooden box.

SPIRAL RATCHET SCREWDRIVER BITS

For Standard Slotted Screws

Fitting	No.	Size	Shipping Weight
No. 67A	1514	5/32"	1/3 oz.
and	1515	3/16"	1/3 oz.
No. 670A	1516	7/32"	1/3 oz.
	6732 Set	1 bit of each size	1 oz.
No. 61A	1201	7/32"	7/8 oz.
and	1202	1/4"	7/8 oz.
No. 610A	1203	9/32"	7/8 oz.
	6132 Set	1 bit of each size	2 5/8 oz.
No. 62A	1166	1/4"	1 oz.
and	1167	9/32"	1 oz.
No. 620A	1168	5/16"	1 oz
	6232 Set	1 bit of each size	3 oz.

Individual bits packed singly. Sets packed 1 in an envelope.

For Phillips Screws

No.	Phillips Size	For Screwdriver	Shipping Weight
P11	No. 1	61A-610A	1 oz.
P12	No. 2	61A-610A	1 oz.
P13	No. 3	61A-610A	1 oz.
P22	No. 2	62A-620A	1 oz.
P23	No. 3	62A-620A	1 oz.
P17	No. 1	67A-670A-29-29X-229	1/2 oz.
P27	No. 2	67A-670A-29-29X-229	1/2 oz.

Packed singly.

SOCKET WRENCH ADAPTERS

Fit directly into chuck of Nos. 61A—610A—62A—620A Spiral Ratchet Screwdrivers. Converts them into light duty nut runners and setters. Will fit any socket with 1/4" back.

No. 1061 For 61A and 610A Screwdrivers
No. 1062 For 62A and 620A Screwdrivers

Packed 1 in an envelope. Shipping weight: 1 oz.

NO. 29 10" SPIRAL RATCHET SCREWDRIVER

A high grade tool in every detail. Drives or draws #4 to #8 screws smoothly, easily and quickly. The spiral is carefully machined; the ratchet mechanism is entirely new and dependable. Automatic quick-return spring. One bright finish forged steel bit 1/4" wide is regular equipment. Chuck and chuck sleeve, shifter sleeve and screw in handle end are nickeled and buffed. Handle is of clear-grained hardwood with rich black finish. Length extended with bit, 10".

Packed 1 in a box. Shipping weight: 1/2 lb.

NO. 29X 10" SPIRAL RATCHET SCREWDRIVER

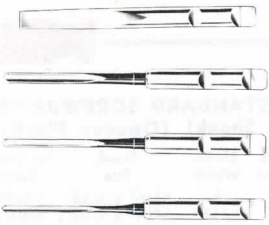
Same as No. 29 but with #3291, #3292, #3293 drill points and #297-5/32" Cabinet Bit.

Packed 1 in a box. Shipping weight: 5/8 lb.

NO. 229 13" SPIRAL RATCHET SCREWDRIVER

Same as No. 29, but longer: extended length with bit is 13". Like the No. 29, the No. 229 has an automatic quick-return spring. Ratchet mechanism can be set for right or left-hand operation, or for rigid operation.

Packed 1 in a box. Shipping weight: 5/8 lb.



EXTRA TOOLS

The drills, countersink and extra screwdriver bits listed below greatly increase the usefulness of the No. 29 and No. 229 Screwdrivers, and are made with shanks that fit the chuck.

No.		Size	For Screw Sizes	Shipping Weight
297	Cabinet Bit	5/32"	#2-#4	1 oz.
298	Countersink	3/8"	#2-#10	1 oz.
299	Standard Bit	1/4"	#4-#8	1 oz.
	Packed 3 in an envelope.			
329	Set of Drill Points 1/16", 5/64", 3/32"			1 oz.
	Packed 1 in a screw-capped vial.			
3291	Drill Point	1/16"		2 oz.
3292	Drill Point	5/64"		2 oz.
3293	Drill Point	3/32"		2 oz.
	Packed 6 in a screw-capped vial.			

PHILLIPS SCREWDRIVER BITS

No.	Phillips Size	Fitting Screwdriver	Shipping Weight
P17	No. 1	29-29X-229-67A-670A	1/2 oz.
P27	No. 2	29-29X-229-67A-670A	1/2 oz.
	Packed singly.		

No. 295
SPIRAL RATCHET SCREW DRIVER ACCESSORIES
for Millers Falls No. 29 and No. 229 Spiral Ratchet Screw Drivers
ALL FOR
MILLERS FALLS COMPANY, Greenfield, Mass., U. S. A.

NO. 295 SPIRAL RATCHET SCREWDRIVER ACCESSORY SET

Carded sets for use with No. 29 or No. 229 Spiral Ratchet Screwdrivers. Set consists of No. 297 Bit, one set of No. 329 Drills and one No. 298 Countersink.

Carded and packed 4 in a box. Shipping weight: 1/2 lb.

NO. 63 RATCHET SCREWDRIVERS

Efficient ratchet mechanism controlled by knurled shifter sleeve. Gives right or left hand ratchet or rigid action. Forged steel blade nicely polished. Exposed parts nickeled. Mahogany finished hardwood handles.

No.	Length Blade	Shipping Weight
63	3"	1 3/4 lbs.
63	4"	1 7/8 lbs.
63	6"	3 3/8 lbs.
63	8"	3 5/8 lbs.

Packed 6 in a box.

NO. 59 RATCHET SCREWDRIVER

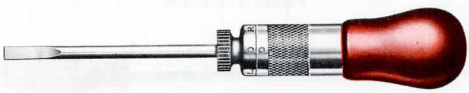
Sturdy ratchet mechanism. Turning shifter ring gives right and left or positive action. Heavy duty blade 1 1/8" long. Exposed metal parts nickeled and polished. Mahogany finished hardwood handle. Length, 6 1/4".

Packed 6 in a box. Shipping weight: 2 1/2 lbs.

NO. 1440 RATCHET SCREWDRIVER

Has cabinet steel blade 1 3/4" long and 5/32" wide for driving #2 to #4 screws. All exposed metal parts are nickel plated. Knurled sleeve turns to adjust ratchet mechanism for right or left-hand or rigid setting. Hardwood handle finished a rich black. Length overall, 4 3/4".

Packed 6 in a box. Shipping weight: 1 lb.



NO. 55 RATCHET SCREWDRIVER

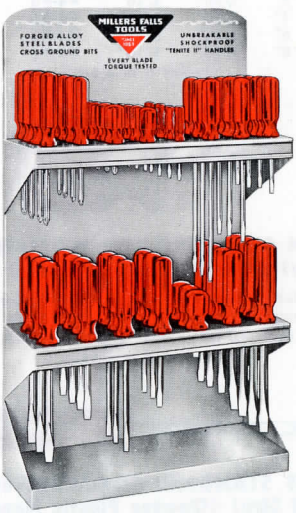
Smooth ratchet mechanism for right and left or rigid action. Knurled collar for rotating blade with fingers. Polished cabinet type blades. Exposed metal parts nickeled. Mahogany finished hardwood handles.

No.	Length Blade	Shipping Weight
55	2"	1 lb.
55	3"	1 lb.
55	4"	1 1/8 lbs.
55	6"	1 1/4 lbs.

Packed 6 in a box.

NO. 600 SERIES OF SCREWDRIVERS

A fine line of popularly priced screwdrivers. Blades are forged from high-quality alloy steel, carefully hardened and tempered for toughness, then cross-ground and plated. Handles are made of an unbreakable opaque red plastic which is fire-resistant and shockproof.


MILLERS FALLS TOOLS
FORGED ALLOY STEEL BLADES CROSS GROUND BITS
EVERY BLADE TORQUE TESTED
UNBREAKABLE SHOCKPROOF "TENITE II" HANDLES

NO. 6565 SCREWDRIVER MERCHANDISER

A compact, colorful display of the most popular sizes of the new No. 600 Series of Screwdrivers. See page 9 for complete specifications and screwdriver selection.

MILLERS FALLS TOOLS

SINCE 1868

NO. 651 STANDARD SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
651-3"	3"	7/32"	7/32"	#5-#8	3/4 lb.
651-4"	4"	9/32"	9/32"	#6-#10	1 1/4 lbs.
651-6"	6"	5/16"	5/16"	#8-#14	1 1/2 lbs.
651-8"	8"	3/8"	3/8"	#10-#16	2 5/8 lbs.

Packed 6 in a box.

NO. 652 STANDARD SCREWDRIVERS (Heavy Sq. Shank) (Opaque Plastic Handle)

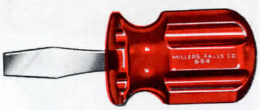
No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
652-4"	4"	9/32"	1/4" x 1/4"	#6-#10	1 1/4 lbs.
652-6"	6"	3/8"	5/16" x 5/16"	#8-#14	2 lbs.
652-8"	8"	1/2"	3/8" x 3/8"	#10-#16	3 1/4 lbs.
652-10"	10"	1/2"	3/8" x 3/8"	#14-#18	3 1/2 lbs.

Packed 6 in a box.

NO. 653 CABINET SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
653-3"	3"	3/16"	3/16"	#4-#6	5/8 lb.
653-4"	4"	3/16"	3/16"	#4-#6	5/8 lb.
653-6"	6"	3/16"	3/16"	#4-#6	3/4 lb.
653-8"	8"	3/16"	3/16"	#4-#6	7/8 lb.

Packed 6 in a box.



NO. 654 STANDARD SCREWDRIVER (Stubby) (Opaque Plastic Handle)

No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
654	1 1/4"	9/32"	1/4" x 1/4"	#6-#10	5/8 lb.

Packed 6 in a box.

NO. 655 STANDARD SCREWDRIVER (Pocket Size) (Opaque Plastic Handle)

No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
655	2"	5/32"	1/8"	#2-#4	1/4 lb.

Packed 12 in a box.

NO. 656 STANDARD SCREWDRIVERS (Slim Sq. Shank) (Opaque Plastic Handle)

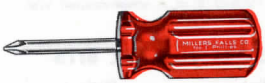
No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
656-4"	4"	7/32"	3/16" x 3/16"	#6-#9	1 lb.
656-6"	6"	7/32"	3/16" x 3/16"	#6-#9	1 1/8 lbs.
656-8"	8"	7/32"	3/16" x 3/16"	#6-#9	1 1/8 lbs.
656-10"	10"	7/32"	3/16" x 3/16"	#6-#9	1 3/8 lbs.

Packed 6 in a box.

NO. 650 PHILLIPS SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	Blade Length	Phillips Point	Shank Size	For Screw Sizes	Shipping Weight
650-#1	3"	#1	3/16"	#2-#4	5/8 lb.
650-#2	4"	#2	1/4"	#5-#9	7/8 lb.
650-#3	6"	#3	5/16"	#10-#16	1 5/8 lbs.

Packed 6 in a box.



NO. 660 PHILLIPS SCREWDRIVERS (Stubby) (Opaque Plastic Handle)

No.	Blade Length	Phillips Point	Shank Size	For Screw Sizes	Shipping Weight
660-#1	1"	#1	3/16"	#2-#4	3/8 lb.
660-#2	1 1/2"	#2	1/4"	#5-#9	5/8 lb.

Packed 6 in a box.

NO. 800 SERIES OF SCREWDRIVERS

A premium quality line of screwdrivers — the finest money can buy. The chrome vanadium steel blades are tempered for their entire length. Handles are of transparent, jewel-red "Tenite". They are shockproof, practically indestructible, and generously sized to provide a firm, palm-fitting grip.

NO. 8585 SCREWDRIVER MERCHANDISER

A compact metal unit silk screened in red, white and black on a beautiful lustrous metallic gold background. Displays 56 screwdrivers — a representative stock of all the most popular types and sizes. See page 9 for full details and specifications.

NO. 857 QUIK-HOLD SCREWDRIVERS

These screwdrivers simplify and speed up driving screws in hard-to-reach places. Tempered steel jaws open easily to admit screw, close to hold screw firmly in place at tip of driver. After screw is started, just pull back on driver to withdraw jaws. Transparent red "Tenite" handles are indestructible, shockproof.

No.	Length Blade	Shipping Weight
857	2 1/2"	1/2 lb.
857	4"	3/4 lb.
857	5"	7/8 lb.
857	7"	1 3/8 lbs.

Packed 6 in a box.

NO. 851 STANDARD SCREWDRIVERS (Round Shank) (Clear Plastic Handle)

Chrome vanadium steel blades tempered entire length. Cross ground bits. Round shanks polished. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Diameter Shank	Shipping Weight
851-4"	4"	9/32"	1¼ lbs.
851-6"	6"	5/16"	2 lbs.
851-8"	8"	3/8"	3¼ lbs.
851-10"	10"	7/16"	4½ lbs.
851-12"	12"	7/16"	5⅛ lbs.

Packed 6 in a box.

NO. 852 STANDARD SCREWDRIVERS (Heavy Sq. Shank) (Clear Plastic Handle)

Made from chrome vanadium square steel with bits forged on the diagonal and tempered entire length. Cross ground bits nickeled and buffed. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Shank	Shipping Weight
852-4"	4"	1/4" x 1/4"	1¼ lbs.
852-6"	6"	5/16" x 5/16"	2¼ lbs.
852-8"	8"	3/8" x 3/8"	3¾ lbs.
852-10"	10"	3/8" x 3/8"	4½ lbs.
852-12"	12"	3/8" x 3/8"	5 lbs.

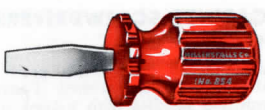
Packed 6 in a box.

NO. 853 CABINET SCREWDRIVERS (Round Shank) (Clear Plastic Handle)

Blades forged from 3/16" round chrome vanadium steel, tempered entire length. Bits cross ground. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Diameter Shank	Shipping Weight
853-3"	3"	3/16"	¾ lb.
853-6"	6"	3/16"	⅞ lb.
853-8"	8"	3/16"	1 lb.
853-10"	10"	3/16"	1⅛ lbs.

Packed 6 in a box.



NO. 854 STANDARD SCREWDRIVER (Stubby) (Clear Plastic Handle)

Sturdy screwdriver for close quarters. Blade is 1½" long forged from 5/16" square stock. Transparent red "Tenite" handle, slow burning and high dielectric strength. Blade is 5/16" wide.

Packed 6 in a box. Shipping weight: ⅞ lb.

NO. 855 STANDARD SCREWDRIVER (Pocket Size) (Clear Plastic Handle)

Equipped with clip. Blade is ⅛" diameter nickel plated, and will handle screws too small for regular screwdrivers. Transparent red "Tenite" shock-proof handle. Length, 2 inches.

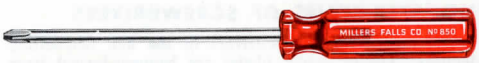
Packed 6 in a box. Shipping weight: ¼ lb.

NO. 856 STANDARD SCREWDRIVERS (Slim Sq. Shank) (Clear Plastic Handle)

Popular screwdriver suited for work on electrical appliances, radio, TV, where a slim screwdriver is required. Has 3/16" square shank. "Tenite" handles.

No.	Length Blade	Shank	Shipping Weight
856-4"	4"	3/16" x 3/16"	1 lb.
856-6"	6"	3/16" x 3/16"	1¼ lbs.
856-8"	8"	3/16" x 3/16"	1½ lbs.
856-10"	10"	3/16" x 3/16"	1¾ lbs.

Packed 6 in a box.

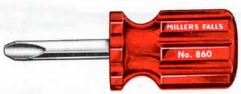


NO. 850 PHILLIPS SCREWDRIVER (Round Shank) (Clear Plastic Handle)

Designed to handle Phillips recessed head screws. Blades machined within close limits. Will fit screws perfectly. Polished blades tempered entire length. Indestructible, shock-proof transparent red "Tenite" handles.

No.	Phillips Size	Length Blade	Diameter	Shipping Weight
850-#1	0 - 4	3"	3/16"	⅝ lb.
850-#2	5 - 9	4"	1/4"	1¼ lbs.
850-#3	10 - 16	6"	5/16"	2 lbs.
850-#4	18 - 24	8"	3/8"	3⅜ lbs.

Packed 6 in a box.



NO. 860 PHILLIPS SCREWDRIVER (Stubby) (Clear Plastic Handle)

Similar to No. 854 but with Phillips blades 1⅜" long. Transparent red "Tenite" handle, slow burning and of high dielectric strength.

No.	Size Blade	Length Blade	Shipping Weight
860-#1	No. 1 Phillips	1⅜"	½ lb.
860-#2	No. 2 Phillips	1⅜"	⅝ lb.
860-#3	No. 3 Phillips	1⅜"	¾ lb.

Packed 6 in a box.

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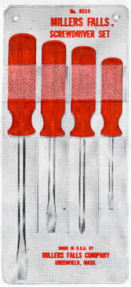
SINCE 1868



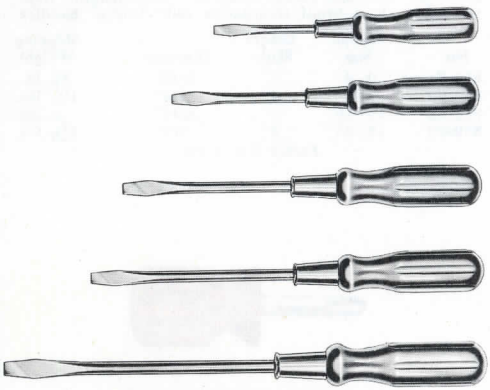
NO. 8514 SCREWDRIVER SET

A popular selection of four fine quality screwdrivers for everyday use in workshop or home. Packed in a plastic pouch. The blades are carefully tempered, forged steel, nickel plated and the handles are unbreakable, shock-proof, red "Tenite". Set consists of one each No. 851-4", No. 851-6", No. 853-3", No. 850-#2.

Packed 1 set in a box. Shipping weight: 1⅛ lbs.

NO. 7777 SERIES OF SCREWDRIVERS

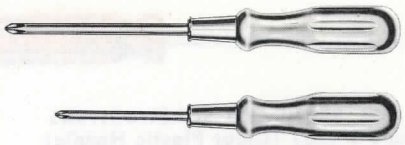
Sturdy, serviceable screwdrivers in the five best-selling lengths. Torque tested blades are hammer-forged from specially tough steel, hardened and tempered their entire length. Forged lugs on shanks prevent turning in handle. Blades and ferrules nickel plated and burnished. Selected hardwood handles with rich black finish. Fluted to give a firm, sure grip.



NO. 7777 STANDARD SCREWDRIVERS (Round Shank) (Wood Handle)

No.	Blade Length	Blade Width	Shank Size	For Screw Sizes	Shipping Weight
7777-3"	3"	7/32"	7/32"	#5-#8	1¾ lbs.
7777-4"	4"	9/32"	9/32"	#6-#10	2½ lbs.
7777-5"	5"	5/16"	5/16"	#7-#12	3⅝ lbs.
7777-6"	6"	5/16"	5/16"	#8-#14	3⅞ lbs.
7777-8"	8"	3/8"	3/8"	#10-#16	6⅜ lbs.

Packed 12 in a box.



NO. 7777 PHILLIPS SCREWDRIVERS (Round Shank) (Wood Handle)

No.	Blade Length	Phillips Point	Shank Size	For Screw Sizes	Shipping Weight
7777-#1	3"	#1	3/16"	#2-#4	12 oz.
7777-#2	4"	#2	1/4"	#5-#9	18 oz.

Packed 6 in a box.

NO. 676 SCREWDRIVERS (Wood Handle)

Fine quality screwdriver with steel head in end of handle locked directly to shank of blade. Blades are tough tool steel hammer-forged and heat treated. Wide wings on shanks to prevent turning in handle. Polished blades with head and ferrule nickel plated. Steel ferrule pinned through blade. Fluted mahogany lacquered hardwood handles.

No.	Length Blade	Blade Width	Shipping Weight
676	3"	7/32"	1¼ lbs.
676	4"	9/32"	1⅝ lbs.
676	5"	5/16"	2½ lbs.
676	6"	5/16"	2⅝ lbs.
676	8"	3/8"	4⅛ lbs.
676	10"	3/8"	4½ lbs.
676	12"	3/8"	5 lbs.

Packed 6 in a box.

NO. 909 SCREWDRIVERS (Wood Handle)

Hammer forged heat-treated tool steel blades. Wide wings on shanks to prevent turning in handle. Fluted mahogany lacquered hardwood handles. Steel ferrules pinned on. Polished blades with head and ferrule nickel plated.

No.	Length Blade	Blade Width	Shipping Weight
909	2"	7/32"	⅞ lb.
909	3"	7/32"	⅞ lb.
909	4"	9/32"	1¼ lbs.
909	5"	5/16"	1⅞ lbs.
909	6"	5/16"	2 lbs.
909	8"	3/8"	3¼ lbs.
909	10"	3/8"	3¾ lbs.
909	12"	3/8"	4⅛ lbs.
909	18"	3/8"	5½ lbs.

Packed 6 in a box.

NO. 355 CABINET SCREWDRIVERS (Wood Handle)

Blades hammer forged from high grade tool steel. Hardened, oil tempered and polished. Fluted mahogany lacquered hardwood handles with pinned steel ferrules. Blade width, 7/32".

No.	Length Blade	Shipping Weight
355	2½"	¾ lb.
355	3½"	¾ lb.
355	4½"	⅞ lb.
355	5½"	1 lb.
355	6½"	1⅛ lbs.
355	8½"	1¼ lbs.

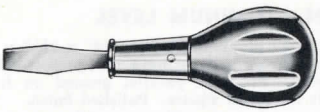
Packed 6 in a box.

NO. 331 JEWELERS' SCREWDRIVERS (Wood Handle)

Light service screwdrivers especially adapted for use by jewelers and for delicate work. Blades are hammer-forged, hardened and tempered their entire length, and well polished. Mahogany finished hardwood handles protected with nickeled ferrules. All blades are 9/64" wide.

No.	Length Blade	Shipping Weight
331	2"	3/8 lb.
331	3"	3/8 lb.
331	4"	1/2 lb.
331	5"	1/2 lb.
331	6"	1/2 lb.
331	8"	1/2 lb.

Packed 6 in a box.



NO. 69 STANDARD SCREWDRIVER (Stubby) (Wood Handle)

Small, but fits the palm of the hand snugly and with a positive grip. Invaluable for general repair work, machine adjustments, appliance repairs and work at close quarters. Polished blade is set in a fluted hardwood handle finished in rich black and protected with heavy steel ferrule. Blade length, 1½"; blade width, 9/32"; shank size, ¼" x ¼"; for screw sizes #6 - #10.

Packed 6 in a box. Shipping weight: 14 oz.

NO. 199 OFFSET SCREWDRIVER

Equipped with four blades, one pair at 90° and one pair at 45°. Provides blade for eight positions of screw slot. Tool steel blades carefully hardened and tempered. Length, 5¼".

Packed 6 in a box. Shipping weight: 1¼ lbs.

NO. 797 OFFSET SCREWDRIVERS

High grade forged octagon steel with forged and polished bits set at right angles on opposite ends of handle. Starts frozen and out-of-the-way screws.

No.	Length	Stock	Shipping Weight
797	4¼"	¼"	1⅛ lbs.
797	6¼"	⅜"	3 lbs.

Packed 12 in a box.

NO. 351 SCREWDRIVER BITS

Hammer forged from high quality steel. Hardened, tempered and polished. Points accurately finished to fit slots of size screws for which they are designed. Square shanks to fit two-jaw or bit brace chucks. Length overall, 5".

No.	Point Size	Screw Size	Shipping Weight
351	4/16"	6 to 8	1 lb.
351	5/16"	8 to 12	1⅛ lbs.
351	6/16"	12 to 16	1⅝ lbs.
351	7/16"	16 to 20	1⅝ lbs.
351	8/16"	20 to 24	1⅝ lbs.

Packed 12 in a box.

351—Assortment 6 to 16 1¼ lbs.
Assortment consists of 4 each of three sizes: 4/16", 5/16", 6/16".

Packed 1 assortment in a box. Shipping weight: 1¼ lbs.

NO. 4100 MERCHANDISER

A bright, very substantial unit that displays these small tools to excellent advantage and originates many impulse sales. It is finished in red, gray and black. Base: 5" x 6¾". Free with the following assortment:

6 No. 410 Countersinks
4 No. 394 Countersinks
2 No. 810-¾" Countersinks
3 No. 810-⅝" Countersinks
3 No. 810-½" Countersinks
2 No. 351-4/16" Screwdriver Bits
2 No. 351-5/16" Screwdriver Bits
2 No. 351-6/16" Screwdriver Bits

Packed 1 in a carton. Shipping weight: 3½ lbs.

LEVELS

NO. 448 MASONS' LEVEL

Seasoned white pine with natural wood finish. One level and two plumb vials in white, glass-protected openings. Dimensions 48" x 2½" x 1¼".

Packed 1 in a box. Shipping weight: 2 lbs.

MILLERS FALLS TOOLS
SINCE 1868

NO. 848 MASONS' LEVEL

Two level and four plumb vials set in oval white, glass-protected openings. Brass end plates. Made from seasoned, straight-grain white pine with natural wood finish. Dimensions 48" x 2½" x 1¼".

Packed 1 in a box. Shipping weight: 1¾ lbs.

NO. 948 MASONS' LEVEL

Two level and four plumb vials set in oval white, glass-protected openings. Full brass binding on all four edges and brass plates on ends. Made from seasoned, straight-grain white pine with natural wood finish. Dimensions 48" x 2½" x 1¼".

Packed 1 in a box. Shipping weight: 3¼ lbs.

NO. 648 48" ALUMINUM MASONS' LEVEL

Strong, rigid cast aluminum level will not warp or rust. Six proved cat's-eye vials — two double plumbs and one double level. Vials are locked in holders specially designed to insure accuracy and protected by heavy glass. Top, bottom and ends are true and parallel. Dimensions 48" x 2-5/16" x 1".

Packed 1 in a box. Shipping weight: 4⅛ lbs.

NO. 124 and 130 WOOD LEVELS

Seasoned white pine levels with three weather-proof coats of red lacquer. White, glass-protected openings for vials. Two level and two plumb vials. Two hand grips on both sides.

No.	Dimensions	Shipping Weight
124	24" x 2½" x 1¼"	1⅜ lbs.
130	30" x 2½" x 1¼"	1¾ lbs.

Packed 1 in a box.

NO. 312 - 330 WOOD LEVELS

Thoroughly seasoned straight-grain white pine levels with three weather-proof coats of red lacquer. White, glass-protected openings for vials. Top-view opening for level vial. One hand grip on each side of Nos. 324, 328, and 330.

No.	Dimensions	Shipping Weight
312	12" x 2½" x 1¼"	¾ lb.
318	18" x 2½" x 1¼"	1 lb.
324	24" x 2½" x 1¼"	1⅜ lbs.
328	28" x 2½" x 1¼"	1⅝ lbs.
330	30" x 2½" x 1¼"	1⅞ lbs.

Packed 1 in a box.

NO. 618 - 630 ALUMINUM LEVELS

Die-cast aluminum frames for light weight with maximum strength. Surfaces accurately milled. Excellent visibility is provided by large, white vial wells. Vials are protected by glass on both sides.

No.	Dimensions	Shipping Weight
618	18" x 2¼" x 1"	1⅞ lbs.
624	24" x 2¼" x 1"	2⅜ lbs.
628	28" x 2¼" x 1"	2⅝ lbs.
630	30" x 2¼" x 1"	2¾ lbs.

Packed 1 in a box.

NO. 1424 ALUMINUM LEVEL

Permanent mold aluminum casting 24" x 2⅜" x 1" with two level and two plumb cat's-eye vials protected by heavy window glass. Precision parallel ground on faces and edges; ends machined square. Polished finish.

Packed 1 in a box. Shipping weight: 2¼ lbs.

NO. 290 MAGNESIUM TORPEDO LEVEL

Tapered design frame is one-piece die cast magnesium with polished top. Three proved cat's-eye vials — one plumb, one level and one 45° mitre. V-grooved bottom for fast, easy leveling on pipe, shafts, rods, wire, etc. Will not warp or rust. Weighs only 4 oz. Length, 9".

Packed 1 in a box. Shipping weight: ¼ lb.

NO. 490 TORPEDO LEVEL

Handsome new featherweight level made from a top-grade billet of cherry with a beautiful natural finish. One level and one plumb vial of the cat's-eye type are accurately set in the frame. Level vial is well protected by an aluminum plate. Length, 9".

Packed 12 in a box. Shipping weight: 2¼ lbs.

NO. 1490 TORPEDO LEVEL

Same as No. 490 above except that it has level vial only — no plumb. Length, 9".

Packed 12 in a box. Shipping weight: 2¼ lbs.

NO. 590 TORPEDO LEVEL

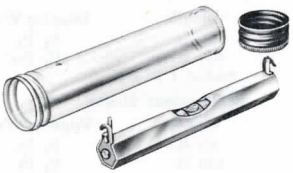
Die-cast glossy black "Bakelite" body. One level, one 45° plumb, and one 90° plumb vial — all of cat's-eye design for better visibility. Top plate polished "Nickeloid" flush with body. Dimensions, 9" x 1¼" x ¾".

Packed 1 in a box. Shipping weight: ¼ lb.

NO. 5904 TORPEDO LEVEL MERCHANDISER

Red, black and white counter display unit designed to do a real merchandising job. Unit consists of four No. 590 Torpedo Levels. Counter space 5" x 10½".

Packed 1 display carton in cardboard sleeve. Shipping weight: 1¼ lbs.



NO. 629 LINE LEVEL

Featherweight model with a cat's-eye vial set in a 3-inch hexagonal aluminum tube. Hooks and guards are so designed that it snaps on to a level line very easily but cannot be jumped off. Each level packed in a permanent container of celluloid with screw cap.

Packed 6 in a box. Shipping weight: ¼ lb.

PLUMB BOBS

Accurately machine-turned from cold rolled steel with points carefully sharpened. They hang true and insure positive accuracy in plumbing and levelling. Polished and nickel plated.

No.	Length	Net Weight	Shipping Weight
1	2¾"	2½ oz.	1⅛ lbs.
2	3½"	5 oz.	1⅞ lbs.
3	4¼"	8 oz.	3 lbs.
4	5"	12 oz.	4½ lbs.

Packed 6 in a box.

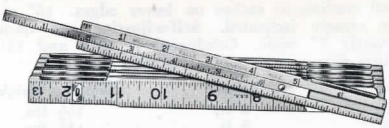
NO. 54 BRASS PLUMB BOBS

Precision machined brass body. Designed for perfect balance and accurate spotting. Removable screw cap for easy cord attachment. Hardened and ground steel point is replaceable. Available in 6, 8, 10 and 12 oz. sizes. Individually packed in colorful "window" boxes.

No.	Length	Net Weight	Shipping Weight
54	4-5/64"	6 oz.	½ lb.
54	4-35/64"	8 oz.	⅝ lb.
54	4-55/64"	10 oz.	⅞ lb.
54	5-15/64"	12 oz.	1 lb.

Packed 1 in a box.

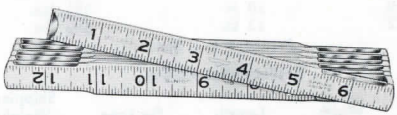
RULES, TAPES SQUARES & GAUGES



NO. 160 EXTENSION FOLDING RULE

For regular inside and outside measurements plus 7-inch brass slide that extends 6 inches for use on inside measurements or as a depth gauge. Slide is graduated in 16ths and has thumb button for one-hand operation. Rule is made of extra-heavy selected hardwood with concealed brass-plated spring joints, brass tips and strike plates. Large, easy-reading numerals . . . graduated in 16ths on both edges. Finished natural wood color with white ends.

Packed 6 in a box. Shipping weight: 2¼ lbs.



NO. 1460 and 1461 6-FT. FOLDING RULES

Have large, easy-reading numerals and accurate graduations in 16ths. Of selected hardwood, with concealed brass-plated joints that assure easy action and long life. Durable white enamel finish. No. 1460 for outside reading; No. 1461 for inside.

Packed 12 in a box. Shipping weight: 3⅛ lbs.

MILLERS FALLS TOOLS
SINCE 1868
®

No. 1106

No. 1506

No. 1612

WHITE TAPE RULES

Available in three widths — ¼", ½" and ¾". All models have chrome plated cases and perma-grip white enamel blades with jet black markings. Blades are concave — flexible enough for measuring angles or curves, yet rigid enough for straight vertical or horizontal measurements. All blades easily replaced. Each rule packaged in attractive hang-up card with "bull's-eye" design.

¼" Slim-Line Tapes

Thin, lightweight case slips easily into any pocket. Rule has hundreds of uses at home, office or shop. Case exactly 2" wide at base for easy inside measuring. Non-moveable end hook. Marked in continuous inches. Graduated in 16ths (32nds first 6").

No.	Length	Shipping Weight
1106	6 ft.	1 lb.
1108	8 ft.	1¼ lbs.

Packed 6 in a box.

½" Tapes

All-purpose tapes for construction, maintenance and home use. "Quick-reading" feet and inches on upper edges and continuous inches on lower edges. 16" stud markings clearly indicated. Self-adjusting end hooks. Cases exactly 2" wide. Graduated in 8ths and 16ths (32nds first 6").

No.	Length	Shipping Weight
1506	6 ft.	1½ lbs.
1508	8 ft.	1⅝ lbs.
1510	10 ft.	1¾ lbs.
1512	12 ft.	2⅛ lbs.

Packed 6 in a box.

¾" Tapes

Wide ¾" tempered blades resists bending — can be extended for difficult upright and horizontal measurements. Large, easy-to-read foot and inch figures on upper edges, continuous inches on lower edges. Self-adjusting end hooks. Graduated in 8ths and 16ths (32nds first 6"). Cases exactly 2" wide.

No.	Length	Shipping Weight
1610	10 ft.	3¾ lbs.
1612	12 ft.	4⅛ lbs.

Packed 6 in a box.

Replacement Blades

No.	Width	Length	For Tape	Shipping Weight
RB-6	½"	6 ft.	1506	2 oz.
RB-8	½"	8 ft.	1508	3 oz.
RB-10	½"	10 ft.	1510	3½ oz.
RB-12	½"	12 ft.	1512	4 oz.
RB-610	¾"	10 ft.	1610	5 oz.
RB-612	¾"	12 ft.	1612	5½ oz.

Packed 1 blade in a box.

NO. 1680
SLIM-LINE TAPE RULE MERCHANDISER

Colorful, compact display contains six each of No. 1106 6-ft. tapes and No. 1108 8-ft. tapes. Attractive "bulls-eye" design. Tapes fit snugly into slots in base. Takes only 5"x7½" counter space. Display unit is free with tool assortment.

Packed 1 in a box. Shipping weight: 2½ lbs.

DELUXE STEEL MEASURING TAPES

Metal Housing

Sturdy, rust-resistant steel case is covered with attractive red vinyl. Has reinforced opening and roller . . . stainless steel and aluminum trim. Winding handle folds flush and has push-button release. Tape is ⅜" flexible, white-faced steel with inches and fractions in black, 16" stud markings and quick-reading foot figures in red. Blade is detachable and has hook on end for easy, one-man measuring.

No.	Length	Shipping Weight
3050	50 ft.	¾ lb.
3100	100 ft.	1⅛ lbs.

Packed 1 in a box.

Replacement Blades

No.	Length	Shipping Weight
3051	50 ft.	⅜ lb.
3101	100 ft.	¾ lb.

Packed 1 in a box.

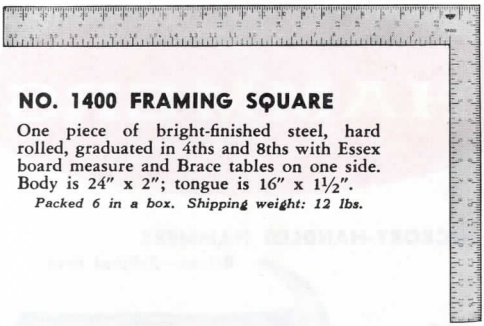
STANDARD STEEL MEASURING TAPES

Plastic Housing

Complete, ready-to-use rule for less than the price of a refill. Durable, high-impact styrene case is steel reinforced for long life . . . styled for easy one-finger winding. Fits comfortably into palm. Tape is ⅜" flexible, white faced steel with inches and fractions in black, 16" stud markings and quick-reading foot figures in red.

No.	Length	Shipping Weight
2050	50 ft.	½ lb.
2100	100 ft.	1 lb.

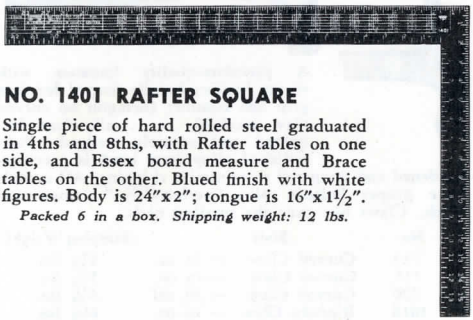
Packed 1 in a box.



NO. 1400 FRAMING SQUARE

One piece of bright-finished steel, hard rolled, graduated in 4ths and 8ths with Essex board measure and Brace tables on one side. Body is 24″ x 2″; tongue is 16″ x 1½″.

Packed 6 in a box. Shipping weight: 12 lbs.



NO. 1401 RAFTER SQUARE

Single piece of hard rolled steel graduated in 4ths and 8ths, with Rafter tables on one side, and Essex board measure and Brace tables on the other. Blued finish with white figures. Body is 24″x2″; tongue is 16″x1½″.

Packed 6 in a box. Shipping weight: 12 lbs.

NO. 1402 ALUMINUM RAFTER SQUARE

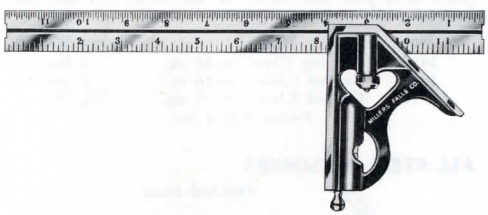
This square is made from one piece of lightweight aluminum alloy, tapered in thickness from angle outward. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables and 100ths scale on tongue; Essex board table on body. Body is 24″ x 2″, tongue is 16″ x 1½″.

Packed 3 in a box. Shipping weight: 3⅛ lbs.

NO. 1403 COPPER RAFTER SQUARE

One-piece, highest quality steel with hardened corners. Tapered from angle outward. Rust-resistant, copper finish with white figures. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables and 100ths scale on tongue; Essex board table on body. Body is 24″ x 2″, tongue is 16″ x 1½″.

Packed 3 in a box. Shipping weight: 6⅜ lbs.



NO. 1200 COMBINATION SQUARE (Pencil slot)

An accurate, well-finished square made especially for the carpenter. Serves as a try square, mitre square, depth gauge or marking gauge. Each end of blade notched to hold pencil when marking a ripping cut. Steel blade is 12″ long and 1″ wide, well finished and accurately graduated in 8ths and 16ths on one side and 16ths and 32nds on the other. Graduations are deeply etched. Working faces of the beam are accurately milled with polished edges; web is finished in black enamel. A cat's-eye level vial is accurately set in the body, which can be used either as a level or a plumb. A sturdy, well-pointed scriber is also supplied.

Packed 4 in a box. Shipping weight: 3½ lbs.

NO. 9500 COMBINATION SQUARE

Has level vial and scriber like No. 1200, but has 9-inch blade.

Packed 4 in a box. Shipping weight: 3 lbs.

NO. 1000 COMBINATION SQUARE

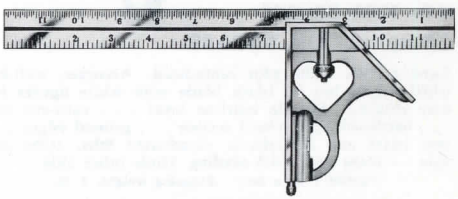
Has a 12-inch blade like the No. 1200, but is without level vial and scriber.

Packed 4 in a box. Shipping weight: 3½ lbs.

NO. 1250 STAINLESS STEEL COMBINATION SQUARE

This new square has a 12″ rustproof blade of stainless steel notched for marking pencil. Graduations are clearly etched in 1/8ths, 1/16ths, and 1/32nds of an inch. The black enameled, cast iron beam has accurately machined faces and is equipped with level and scriber. Six essential tools in one, the No. 1250 can be used as a 12″ steel rule, a try and mitre square, a depth gauge, marking gauge, 90° and 45° level, and a scriber. It is attractively carded for bin or pegboard display.

Carded and packed 1 in a box. Shipping weight: 1¼ lbs.



NO. 1270 CARPENTER SQUARE

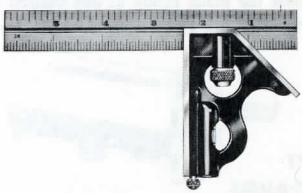
Twelve-inch blade graduated in 8ths and 16ths on one side, 16ths and 32nds on the other, with easy-reading figures on the 32nds. Figures are heavily die-impressed. Precisely cast beam. Drawbolt held by steel spring and nut. Equipped with spring-held scriber and double hairline level.

Packed 1 in display box. Shipping weight: ¾ lb.

NO. 1271 CARPENTER SQUARE

Same as No. 1270 except beam has metallic finish. Grooved blade is graduated in 8ths, 16ths on one side — 16ths and 32nds (quick-reading) on other side.

Packed 10 in a box — 2 boxes in a master carton. Shipping weight: 7 lbs. (10); 14⅝ lbs. (20).



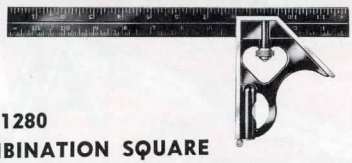
NO. 1276 POCKET SQUARE

Handy 6″ pocket square with cast beam, grooved blade, hardened, spring-held scriber, double hairline level and ground edges. Graduated in 8ths, 16ths one side—16ths and quick-reading 32nds other side.

Packed 1 in a box. Shipping weight: ⅜ lb.

MILLERS FALLS TOOLS
SINCE 1868

HAMMERS

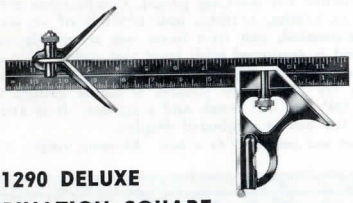


NO. 1280 COMBINATION SQUARE

Has easy-reading rust-resistant blade — black with white numbers. Blade grooved full length. All edges ground. Graduated 8ths, 16ths on one side — 16ths, 32nds on other with quick-reading figures on 32nds. Cast beam is painted black.

No.	Blade	Shipping Weight
1280	12"	¾ lb.

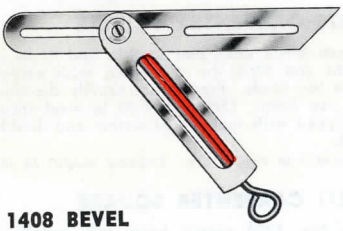
Packed 1 in a box.



NO. 1290 DELUXE COMBINATION SQUARE

Same as No. 1280, plus centerhead. Accurate, well-finished square has jet black blade with white figures for easy reading. Double hairline level . . . cat's-eye vial . . . hardened, spring-held scriber . . . ground edges . . . cast beam and centerhead. Graduated 8ths, 16ths one side — 16ths and quick-reading 32nds other side.

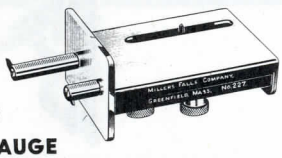
Packed 1 in a box. Shipping weight: 1 lb.



NO. 1408 BEVEL

Eight-inch blade is accurately machined and highly finished. Handle is one-piece cast iron frame cut out in the center to reduce weight. Plated and highly polished. Locking device operated by turning knob at the end of handle holds the blade firmly at any desired angle.

Packed 3 in a box. Shipping weight: 1¾ lbs.



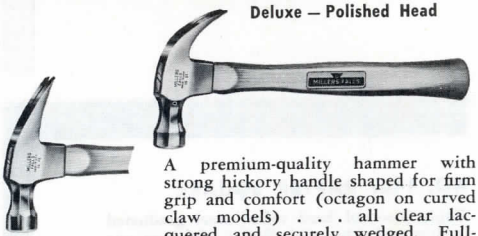
NO. 227 BUTT GAUGE

Designed especially for door hanging and mortise work. Provided with three hardened double edge tool steel spurs. The spur on back of the double end bar is adjustable for regulation of clearance. Body is a smooth die casting finished in gray enamel. Length — 3½".

Packed 1 in a box. Shipping weight: ¼ lb.

HICKORY-HANDLED HAMMERS

Deluxe — Polished Head

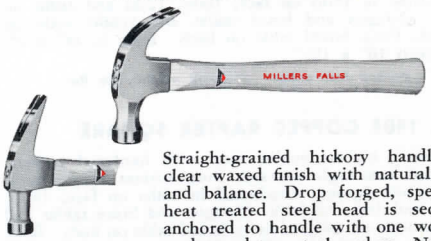


A premium-quality hammer with strong hickory handle shaped for firm grip and comfort (octagon on curved claw models) . . . all clear lacquered and securely wedged. Full-polished alloy steel head is precision hardened and tempered to minimize chipping. All models have proper balance plus "perfect-drive" crown and pitch. Claws bite even the smallest nails.

No.	Style	Shipping Weight
713	Curved Claw — 13 oz.	4⅞ lbs.
716	Curved Claw — 16 oz.	5¾ lbs.
720	Curved Claw — 20 oz.	6⅞ lbs.
1016	Ripping Claw — 16 oz.	6⅛ lbs.
1020	Ripping Claw — 20 oz.	7½ lbs.

Packed 4 in a carton.

Standard — Semi-Polished Head



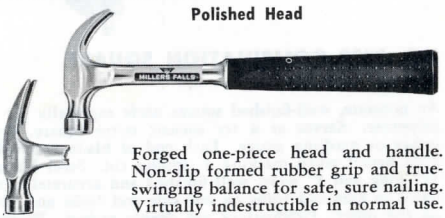
Straight-grained hickory handle in clear waxed finish with natural grip and balance. Drop forged, specially heat treated steel head is securely anchored to handle with one wooden wedge and two steel wedges. Neck is octagonal and has correct toe-in for accurate driving. Grip of claw will withdraw headless nails, and the polished face, poll and curve of the head will not mar finished work.

No.	Style	Shipping Weight
1416	Ripping Claw — 16 oz.	6 lbs.
1417	Curved Claw — 16 oz.	6 lbs.
1418	Curved Claw — 7 oz.	2⅞ lbs.

Packed 4 in a box.

ALL-STEEL HAMMERS

Polished Head



Forged one-piece head and handle. Non-slip formed rubber grip and true-swinging balance for safe, sure nailing. Virtually indestructible in normal use.

No.	Style	Shipping Weight
591R	Ripping Claw — 16 oz.	6½ lbs.
592C	Curved Claw — 16 oz.	6¾ lbs.
593R	Ripping Claw — 20 oz.	7¼ lbs.
594C	Curved Claw — 20 oz.	7¼ lbs.

Packed 4 in a box.

TUBULAR STEEL HAMMERS

Tubular steel shaft absorbs vibration and perforated rubber grip cushions shock. High tensile alloy tubular steel shaft permanently bonded to hardened forged steel head.

No.	Style	Shipping Weight
691R	Ripping Claw — 16 oz.	6½ lbs.
692C	Curved Claw — 16 oz.	6½ lbs.
693R	Ripping Claw — 20 oz.	7⅜ lbs.
694C	Curved Claw — 20 oz.	7⅜ lbs.

Packed 4 in a box.

Forged steel head is deep-hardened for maximum strength. Head and alloy tubular steel shaft permanently joined. Black molded rubber cushion grip perforated for cool, safe handling.

No.	Style	Shipping Weight
1444R	Ripping Claw — 16 oz.	6¾ lbs.
1445C	Curved Claw — 16 oz.	6½ lbs.

Packed 4 in a box.

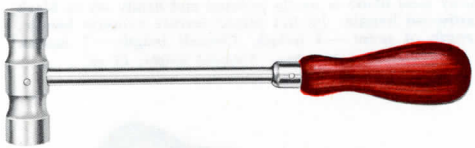
BALL PEIN HAMMERS

Has "sure-grip" oval handle of top-quality hickory, precision hardened and tempered forged steel head, mirror polished face and pein, chamfered and beveled face, perfect balance and proper toe-in. Handle securely fastened to head with both metal and wood wedges.

No.	Style	Shipping Weight
1908	Ball Pein — 8 oz.	3 lbs.
1912	Ball Pein — 12 oz.	3⅞ lbs.
1916	Ball Pein — 16 oz.	5⅜ lbs.
1920	Ball Pein — 20 oz.	6⅝ lbs.
1924	Ball Pein — 24 oz.	7½ lbs.
1932	Ball Pein — 32 oz.	9¾ lbs.

Packed 4 in a carton.

BRASS HAMMERS



Practical and convenient hammers for use on work which requires a soft hammer. Heads are brass with polished steel shanks. Mahogany lacquered hardwood handles.

No.	Head	Weight	Length	Shipping Weight
92	9/16" x 1¾"	5 oz.	7¼"	⅜ lb.
93	¾" x 2¼"	7 oz.	8"	½ lb.

Packed 1 in a box.

NO. 1724 BRICK HAMMER

Forged steel head permanently bonded to tubular steel shaft. Head is deep hardened for maximum strength — finished in black with polished face and top. Steel shaft absorbs vibrations. Rubber cushion grip perforated for cool, safe handling. Perfect balance concentrates weight in striking end.

Packed 4 in a box. Shipping weight: 9 lbs.

NO. 599 CAMPER'S AXE

Sturdy, one-piece steel forging contoured for smooth swinging and easy handling. Perfectly balanced, with razor-sharp heat treated blade and sure-grip rubber handle. Embossed leather sheath included.

Packed 2 in a box. Shipping weight: 3⅞ lbs.

NAIL SETS AWLS & PUNCHES

NO. 800 NAIL SETS

Point and body made of molybdenum alloy steel, heat treated for toughness. Carefully cupped points. New deep knurling. Square no-roll head. Polished points and heads.

No.	Diameter Point	Body	Length
801-1/32	1/32"	5/16"	4"
802-2/32	2/32"	5/16"	4"
803-3/32	3/32"	5/16"	4"
804-4/32	4/32"	5/16"	4"
805-5/32	5/32"	5/16"	4"

Packed 12 in a box. Shipping weight: 1 lb.

815 Assortment — 2 1/32 — 4 2/32 — 4 3/32 — 2 4/32

Packed 1 assortment in a box. Shipping weight: 1 lb.

MILLERS FALLS TOOLS

SINCE 1868

NO. 825 NAIL SET MERCHANDISER

Wood display unit finished in red, black and yellow lacquer. Stands 9" high. Base 3½" x 6". Display free with order for three No. 815 Assortments of Nail Sets. Complete assortment consists of six No. 801, twelve No. 802, twelve No. 803, and six No. 804 Nail Sets.

Packed 1 display in carton with 3 doz. nail sets. Shipping weight: 4⅛ lbs.

NO. 600 NAIL SETS

Of fine quality molybdenum steel, hardened and tempered from head to point to stand up under hard usage. Carefully cupped points are formed to give a good bite. Deep knurling on the body provides a sure grip. Square heads (⅜") offer a large striking surface and prevent rolling.

No.	Diameter Point	Body	Length
601-1/32"	1/32"	5/16"	4"
602-2/32"	2/32"	5/16"	4"
603-3/32"	3/32"	5/16"	4"
604-4/32"	4/32"	5/16"	4"
605-5/32"	5/32"	5/16"	4"

Packed 12 in a box. Shipping weight: 1⅛ lbs.

No. 633 and 833 NAIL SET PAKS

Colorful "bull's-eye" cards each contain three nail sets (1/32 — 2/32 — 3/32) in easy-view blister pak. Point and body of nail set made of molybdenum alloy steel and heat treated for extra toughness. Each set has carefully cupped point, deep knurling and square, no-roll head. Size stamped on head in large, clear figures.

No.	Finish	Shipping Weight
633	Blued throughout	1½ lbs.
833	Polished head and point	1½ lbs.

Packed 5 in a box.

NO. 310 NAIL SETS

Fine grade steel nail sets with knurled body and carefully machined points. Points and heads hardened and tempered. Furnished with blued finish.

No.	Diameter Point	Body	Length
310-1/32"	1/32"	5/16"	4"
310-2/32"	2/32"	5/16"	4"
310-3/32"	3/32"	5/16"	4"
310-4/32"	4/32"	5/16"	4"
310-5/32"	5/32"	5/16"	4"

Packed 12 in a box. Shipping weight: ⅞ lb.

310 Assortment — 2 1/32 — 4 2/32 — 4 3/32 — 2 4/32

Packed 1 assortment in a box. Shipping weight: ⅞ lb.

NO. 312 SET OF NAIL SETS

Set consists of twelve assorted sizes, 2 1/32, 4 2/32, 4 3/32, 2 4/32 No. 310 Nail Sets put up in a round box of hardwood with cover finished in clear lacquer.

Packed 1 set in a box. Shipping weight: 1 lb.

NO. 365 AWL

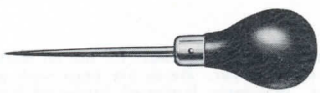
Forged alloy steel blade is carefully hardened, tempered and polished. Nicely pointed blade runs clear through handle and locks into steel head in end of handle. Natural lacquer birch handle with deep flutes for good grip. Handle is protected by nickel plated ferrule. Length of point — 3¾ inches. Overall length — 7 inches.

Packed 6 in a box. Shipping weight: 1⅛ lbs.

NO. 1405 AWL

Alloy steel blade is nicely pointed and firmly set in black hardwood handle. Nickel plated ferrule protects handle. Length of point — 4 inches. Overall length — 7 inches.

Packed 6 in a box. Shipping weight: 12 oz.



NO. 10 AWL

Similar to No. 1405, but shorter. Length of point — 2¾ inches. Overall length — 4⅞ inches.

Packed 12 in a box. Shipping weight: 12 oz.

NO. 211 TACK CLAW

Quick action positive puller for all sizes of tacks. Forged high grade tool steel blade 9/32" in diameter. Polished, black handle with nickeled ferrule. Overall length — 7 inches.

Packed 6 in a box. Shipping weight: 1⅛ lbs.

NO. 207 NAIL PULLER

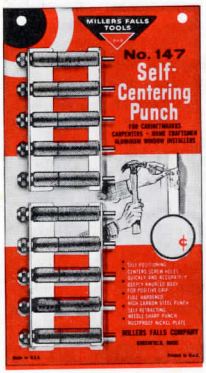
Rugged one-piece steel forging heat treated for long life. Special design gets close into corners — pulls nails where hammer can't reach. Large sure-grip plastic handle.

No.	Length	Shipping Weight
207	11"	5½ lbs.

Packed 6 in a box.

PUNCHES

NO. 147 SELF-CENTERING PUNCH



Self-positioning tool centers screw holes quickly and accurately in all countersunk screw hardware. Just place tapered head in countersunk screw hole and tap plunger. Knurled body for sure grip. Sales features are printed on handy "hang-up" card, which contains ten punches that are displayed for fast self-service impulse sales.

Packed 10 on a card, 1 card in a box. Shipping weight: ⅝ lbs.

NO. 141 - 146 CENTER PUNCHES

Nicely knurled bodies. Shank and head polished. Points carefully ground and finished.

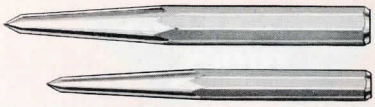
No.	Body	Length	Shipping Weight
141	5/16"	4"	⅞ lb.
141	3/8"	4"	1¼ lbs.
141	1/2"	4"	2¼ lbs.
146	1/2"	5"	2¾ lbs.

Packed 12 in a box.

NO. 460 CENTER PUNCH

Large square head provides ample striking surface and prevents rolling. Hardened and tempered from head to point. Body is knurled; head and point are polished. Length, 4"; body, 5/16".

Packed 12 in a box. Shipping weight: 1 lb.



NO. 1202 CENTER PUNCH

Hammer forged from high grade, octagon alloy steel. Points and heads polished. Hardened entire length.

No.	Stock	Length Overall	Shipping Weight
1202	⅜"	5"	1¾ lbs.
	Packed 12 in a box		
1202	½"	5½"	1⅝ lbs.
	Packed 6 in a box.		

NO. 573 TAPER PIN PUNCHES

Forged octagon steel, heat treated with polished points and heads. Grey lacquered bodies.

No.	Size	Stock	Overall Length	Shipping Weight
573	3/32"	¼"	5"	¾ lb.
573	1/8"	¼"	5"	¾ lb.
573	5/32"	⅜"	6"	1¼ lbs.
573	3/16"	⅜"	6"	1¾ lbs.
573	7/32"	⅜"	6"	1¾ lbs.
573	1/4"	⅜"	6"	1⅞ lbs.
573	5/16"	⅜"	6"	2⅛ lbs.
573	3/8"	⅜"	6"	2¼ lbs.

Packed 12 in a box.

472 Set of 5 (No. 573 Punches — one each: ⅛", 3/16", ¼", 5/16", ⅜")

Packed 1 set in a box. Shipping weight: ⅞ lb.

NO. 572 PIN PUNCH SET

A complete set made up of eight sizes No. 573 Pin Punches: consists of 1 each 3/32", ⅛", 5/32", 3/16", 7/32", ¼", 5/16" and ⅜".

Packed 1 set in round hardwood box. Shipping weight: 1¾ lbs.

NO. 681 PIN PUNCHES

High grade round tool steel hardened and tempered entire length. Body knurled with blued finish. Polished points and heads. Length, 4 inches.

No.	Point	Stock	Shipping Weight
681	1/16"	5/16"	¾ lb.
681	3/32"	5/16"	¾ lb.
681	1/8"	5/16"	¾ lb.
681	5/32"	5/16"	¾ lb.
681	3/16"	5/16"	⅞ lb.
681	7/32"	5/16"	⅞ lb.
681	1/4"	3/8"	1⅛ lbs.
681	5/16"	3/8"	1⅜ lbs.

Packed 12 in a box.

MILLERS FALLS TOOLS
SINCE 1868

NO. 1199 PRICK PUNCH

Hammer-forged octagon alloy steel. Ground and polished points. Grey lacquer finish and polished heads. Stock, 3/8"; length, 5".

Packed 12 in a box. Shipping weight: 1⅝ lbs.

NO. 465 PRICK PUNCH

Steel body nicely knurled with square head. Hardened, tempered and polished point and head. Body diameter 5/16"; length 4".

Packed 12 in a box. Shipping weight: 1 lb.

NO. 167 PRICK PUNCH

High grade tool steel finely knurled body with polished point and head. Hardened and tempered.

No.	Body Diameter	Length	Shipping Weight
167	5/16"	4"	¾ lb.
167	3/8"	4"	1¼ lbs.

Packed 12 in a box.

NO. 1195 TINNERS' PUNCH

Heat treated 3/8" octagon alloy steel. Polished and ground head. Finished in grey lacquer. Diameter point, 5/32"; length overall, 5".

Packed 12 in a box. Shipping weight: 1¾ lbs.

NO. 1208 DRIFT PUNCHES

Fine mirror finish on tapers for easy driving. Hardened and tempered heads and tapers.

No.	Diameter of Point	Stock	Overall Length	Shipping Weight
1208	3/16"	½"	10"	1¼ lbs.
1208	1/4"	⅝"	12"	2½ lbs.

Packed 3 in a box.

LETTERS AND FIGURES

MACHINE-MADE STEEL LETTERS and FIGURES

Gothic Face

The characters in these sets are formed on blanks of a good quality of tool steel by a specially developed machine process using superior master dies producing sharper, cleaner faces than usual. Ample relief is provided to produce clear, long-lived impressions. Carefully hardened and tempered faces. A fine, durable stamp for general all 'round use.

Height Character	Size Stock	Shipping Weights No. 1500 Sets of Letters	No. 1550 Sets of Figures	Single Characters
1/16"	1/4" x 2-3/8"	1⅜ lbs.	½ lb.	½ oz.
3/32"	1/4" x 2-3/8"	1⅜ lbs.	½ lb.	½ oz.
1/8"	1/4" x 2-3/8"	1⅜ lbs.	½ lb.	¾ oz.
3/16"	5/16" x 2-1/2"	2½ lbs.	⅞ lb.	1 oz.
1/4"	3/8" x 2-1/2"	3⅜ lbs.	1⅛ lbs.	1½ oz.
3/8"	1/2" x 2-7/8"	6½ lbs.	2⅛ lbs.	3¼ oz.
1/2"	5/8" x 3-3/8"	11⅜ lbs.	3⅞ lbs.	5 oz.

Sets of letters 1/16" through 1/4" include "&" and period, — from 3/8" through 1/2", "&" but no period.

Sets of figures consist of 9 characters: 0 to 8, the 6 being used also for 9.

All sets packed 1 in a stained wooden box. Single characters individually wrapped.

HAND CUT STEEL LETTERS and FIGURES

Gothic Face

The finest quality of stamp procurable. Every character guaranteed hand cut from the finest grade of tool steel. Faces and heads hardened and tempered with the utmost care. Specially recommended for use on all hard surfaces.

Height Character	Size Stock	Shipping Weights No. 1300 Sets of Letters	No. 1350 Sets of Figures	Single Characters
1/16"	1/4" x 2-5/8"	1½ lbs.	⅝ lb.	¾ oz.
3/32"	5/16" x 2-3/4"	2⅝ lbs.	⅞ lb.	1 oz.
1/8"	5/16" x 2-3/4"	2½ lbs.	⅞ lb.	1 oz.
3/16"	3/8" x 3"	3⅝ lbs.	1⅛ lbs.	2 oz.
1/4"	7/16" x 3"	4¾ lbs.	1⅝ lbs.	2½ oz.
3/8"	9/16" x 3-1/8"	8⅛ lbs.	2⅝ lbs.	4 oz.
1/2"	5/8" x 3-7/16"	11¼ lbs.	3⅞ lbs.	5½ oz.

Sets of letters 5/16" through 1/4" include "&" and period, — from 3/8" through 1/2", "&" but no period.

Sets of figures consist of 9 characters: 0 to 8, the 6 being used also for 9.

All sets packed 1 in a lacquered wooden box. Single characters individually wrapped.

CHISELS

NO. 30 3" BUTT CHISELS

Perfectly balanced butt chisels for heavy duty use. Tapered 3" polished blade in widths from 1/4" to 2". Blade and tang forged from single piece of alloy steel for superior strength. Tang extends into steel-capped transparent red "Tenite" handle for protection against repeated hammering.

Sizes	Shipping Weight
1/4"	3/4 lb.
3/8"	3/4 lb.
1/2"	7/8 lb.
5/8"	7/8 lb.
3/4"	1 1/8 lbs.
1"	1 1/8 lbs.
1 1/4"	1 1/4 lbs.
1 1/2"	1 5/8 lbs.
2"	1 3/4 lbs.

Packed 2 in a box.

NO. 1430 WOOD CHISELS

Have long tapering tangs and thin blades which make sharpening easier and facilitate deep cuts. Heavy bolsters protect blade from hammer shock. Blades and bolsters are forged in one piece of high-carbon chisel steel, precisely heat treated and tempered for perfect hardness. Transparent plastic handles have deep coves for firm grip.

Sizes:	Shipping Weight
1/4"	1 1/8 lbs.
3/8"	1 1/4 lbs.
1/2"	1 3/8 lbs.
3/4"	1 5/8 lbs.
1"	1 3/4 lbs.
1 1/4"	2 lbs.
1 1/2"	2 1/4 lbs.

Packed 6 in a box.

NO. 1434 WOOD CHISEL SET

Set of four: 1/4", 1/2", 3/4" and 1" Wood Chisels, in gray and red plastic carrying case.

Packed 4 in a box. Shipping weight: 4 lbs.

NO. 106 CARVING TOOL SET

Six tools selected to give a wide range of applications in wood, soap and linoleum. High quality forged steel blades heat treated, polished and edged. Hardwood mahogany lacquered handles protected with nickeled ferrules. Overall length — 6 1/4".

Individual Tools for Set No. 106

A — 5/16" Straight Chisel
B — 5/16" Bent Chisel
C — 5/16" Skew Bevel Chisel
D — 5/16" Bent Gouge
E — 7/32" "U" Tool
F — 3/16" Veining Tool

Packed 1 set in plastic covered box. Shipping weight: 10 oz. Individual tools available separately. Wrapped singly.

NO. 107 CARVING TOOL SET

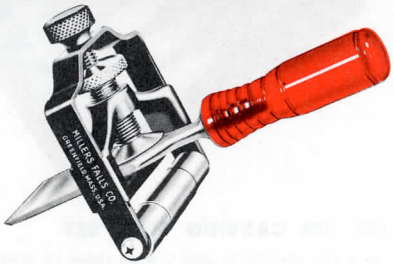
Designed for individuals who enjoy wood, soap and linoleum block carving. Forged, heat treated blades edged and polished. Lacquered maple handles so designed to fit snugly in palm of hand. Flatted on one side for proper working position when picked up off bench. Overall length — 5". Furnished with sharpening stone.

Individual Tools for Set No. 107

B — 5/16" Bent Chisel
C — 5/16" Skew Bevel Chisel
D — 5/16" Bent Gouge
E — 7/32" "U" Tool
F — 3/16" Veining Tool
S — Carborundum Sharpening Stone

Packed 1 set in plastic covered box. Shipping weight: 10 oz. Individual tools available separately. Wrapped singly.

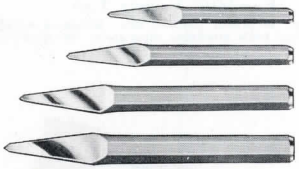
MILLERS FALLS TOOLS
SINCE 1868



NO. 240 CHISEL SHARPENER

A simple positive device for honing plane irons and chisels at any desired angle. More accurate than free hand honing and lengthens life of blade. Capacity — 2⅝ inches.

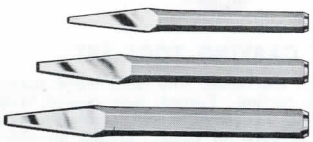
Packed 1 in a box. Shipping weight: ⅝ lb.



NO. 1140 CAPE CHISELS

Hammer-forged from fine quality octagon alloy steel. Careful heat treating gives uniform high grade tool. Ground and nicely polished blades and heads.

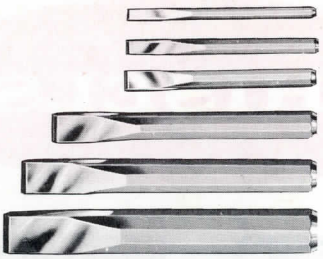
No.	Width of Point	Stock	Overall Length	Shipping Weight
1140	1/8"	3/8"	5"	1⅝ lbs.
1140	3/16"	3/8"	5"	1¾ lbs.
1140	1/4"	3/8"	5"	1⅞ lbs.
		Packed 12 in a box.		
1140	5/16"	1/2"	6"	1⅞ lbs.
1140	3/8"	5/16"	7"	3¼ lbs.
1140	1/2"	3/4"	7½"	5⅛ lbs.
		Packed 6 in a box.		



NO. 1190 ROUND NOSE CAPE CHISELS

Same as No. 1140 except with round nose.

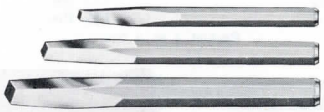
No.	Width of Point	Stock	Overall Length	Shipping Weight
1190	1/8"	3/8"	5"	1⅝ lbs.
		Packed 12 in a box.		
1190	1/4"	1/2"	6"	1¾ lbs.
1190	3/8"	5/8"	7"	3¼ lbs.
		Packed 6 in a box.		



NO. 1150 COLD CHISELS

Made from same octagon alloy steel as No. 1140 and No. 1190. Gray lacquer finish.

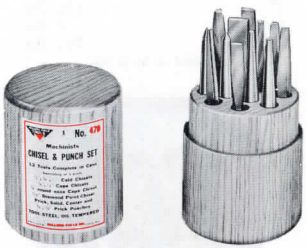
No.	Width of Blade	Stock	Overall Length	Shipping Weight
1150	1/4"	1/4"	5"	⅞ lb.
1150	3/8"	5/16"	5"	1⅜ lbs.
1150	1/2"	3/8"	5"	1⅞ lbs.
		Packed 12 in a box.		
1150	5/8"	1/2"	6½"	2⅛ lbs.
1150	3/4"	5/8"	7"	3½ lbs.
		Packed 6 in a box.		
1150	1"	7/8"	8"	3⅞ lbs.
		Packed 3 in a box.		



NO. 1178 DIAMOND POINT CHISELS

Hammer-forged octagon alloy steel chisels, heat treated, ground and polished. Finished with gray lacquer.

No.	Width of Blade	Stock	Overall Length	Shipping Weight
1178	5/32"	3/8"	5"	1¾ lbs.
		Packed 12 in a box.		
1178	1/4"	1/2"	6"	1⅞ lbs.
1178	3/8"	5/8"	7"	3½ lbs.
		Packed 6 in a box.		



NO. 470 CHISEL and PUNCH SET

Selected assortment of twelve fine quality forged chisels and punches. Set consists of following:

1 No. 1190 ⅛" Round Nose Cape Chisel
1 No. 1199 ⅜" Prick Punch
1 No. 1202 ⅜" Center Punch
1 No. 1195 5/32" Solid Punch
1 No. 573 3/32" Pin Punch
1 No. 573 ⅛" Pin Punch
1 No. 1150 ¼" Cold Chisel
1 No. 1150 ⅜" Cold Chisel
1 No. 1150 ½" Cold Chisel
1 No. 1140 ⅛" Cape Chisel
1 No. 1140 ¼" Cape Chisel
1 No. 1178 5/32" Diamond Point Chisel

Packed 1 set in round hardwood box.
Shipping weight: 2 lbs.

NO. 1216 STAR DRILLS

Forged from octagon manganese alloy steel. Points designed and relieved for fast free cutting in concrete, brick, stone, etc. Blades are long to permit resharpening. Length 12".

Diameter Cut	Stock	Shipping Weight
1/4"	3/16"	2 lbs.
5/16"	1/4"	2⅛ lbs.
3/8"	5/16"	3⅛ lbs.
7/16"	3/8"	4⅝ lbs.
Packed 12 in a box.		
1/2"	3/8"	2¼ lbs.
9/16"	7/16"	3⅞ lbs.
5/8"	1/2"	4 lbs.
3/4"	5/8"	6 lbs.
7/8"	5/8"	6⅛ lbs.
Packed 6 in a box.		
1"	3/4"	3 lbs.
1-1/8"	7/8"	3⅞ lbs.
1-1/4"	7/8"	4¾ lbs.
Packed 2 in a box.		
1-3/8"	1"	2½ lbs.
1-1/2"	1-1/8"	3 lbs.
Wrapped singly.		

SCRAPERS

NO. 34 and 35 WOOD SCRAPERS

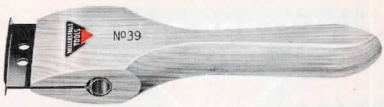
Ideal scraper for refinishing woodwork, removing paint from furniture, walls, etc. with little effort. Reversible four-edged carbon steel blade tempered to hold keen edge. Hardwood handle.

No.	Width Blade	Length	Shipping Weight
34	2½"	5"	2⅜ lbs.
35	1½"	5"	1½ lbs.

Packed 6 in a box.

No. 346 Extra Blades for No. 34. (Also fit Nos. 39, 1439.)
Packed 6 in a box. Shipping weight: ¾ lb.

No. 356 Extra Blades for No. 35. (Also fit No. 51.)
Packed 6 in a box. Shipping weight: ⅜ lb.



NO. 39 and 51 WOOD SCRAPERS

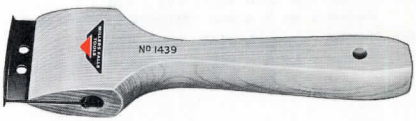
Paint brush type handle, selected hardwood finished in clear lacquer. Tempered tool steel blade has four scraping edges. Two blades ready for use and two sharp edges available by reversing blade in handle.

No.	Width Blade	Length	Shipping Weight
39	2½"	8¾"	2⅝ lbs.
51	1½"	7½"	1½ lbs.

Packed 6 in a box.

No. 346 Extra Blades for No. 39. (Also fit Nos. 34, 1439.)
Packed 6 in a box. Shipping weight: ¾ lb.

No. 356 Extra Blades for No. 51. (Also fit No. 35.)
Packed 6 in a box. Shipping weight: ⅜ lb.



NO. 1439 WOOD SCRAPER

Paint brush type handle 9" long provides ample room to apply pressure and a sure, comfortable grip for exerting the necessary pull. New, improved 2½" blades give a finer surface with less effort. Each blade has four scraping edges — two always ready for use and the other two quickly available simply by reversing the blade in the handle. Hardwood handles finished in clear lacquer.

Packed 6 in a box. Shipping weight: 2¼ lbs.

No. 346 Extra Blades for No. 1439. (Also fit Nos. 34, 39.)

NO. 296 FLOOR SCRAPER

Has reversible tool steel blade, 3" x 4½" held by ball joint for setting at wide range of angles. Hardened and tempered blade. Natural finish hardwood handles.

Packed 1 in a box. Shipping weight: 1¼ lbs.

No. 376 Extra Blades
Packed 6 in a box. Shipping weight: ⅞ lb.

MILLERS FALLS TOOLS
SINCE 1868

NO. 381 BEARING SCRAPER

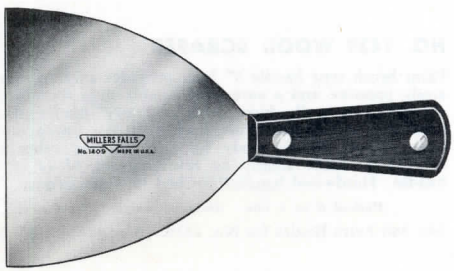
Finest scraper made. Forged steel blades are curved, tapered and recessed and hardened, tempered to glass hardness. Can be sharpened on oilstone. Mahogany lacquered handles.

No.	Cutting Edge	Length	Shipping Weight
381	1½"	8"	1⅛ lbs.
381	2½"	10"	2 lbs.
381	3½"	11"	2⅝ lbs.
381	4½"	12"	3 lbs.

Packed 6 in a box.

No. 740 Set one each 1½", 2½", 3½"
Packed 1 set in a box. Shipping weight: 1⅛ lbs.

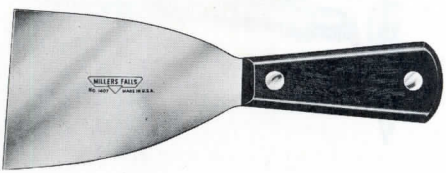
No. 471 Set one each 2½", 3½", 4½"
Packed 1 set in a box. Shipping weight: 1⅜ lbs.



NO. 1409 SPACKLING KNIFE

Full-tang, mirror-finish blade is broad, flexible and square-end and is securely anchored to fine-finish walnut handle with polished brass compression rivets. Blade, 5" wide.

Packed 6 in a box. Shipping weight: 1¾ lbs.



NO. 1407 3" WALL SCRAPER

Mirror-finish blade is full tang and securely anchored to handle with 2 polished brass compression rivets. Made of finest spring tempered steel and tapered for maximum flexibility. Natural finish walnut handle has extra wide neck for extra strength. Blade, 3" wide.

Packed 1 in a box. Shipping weight: 1⅝ lbs.

NO. 1404 PUTTY KNIFE

Tempered spring steel blade is tapered for maximum flexibility and polished for smooth flow of putty. Handle is of natural finish tropical wood secured to the blade by two polished brass rivets. Blade, 1¼" wide.

Packed 12 in a box. Shipping weight: 1⅝ lbs.

GLASS CUTTERS

NO. 66 CARBIDE WHEEL GLASS CUTTER

Designed especially for glass factories and large users of glass. Cast iron frame with three standard breaker notches. Carbide wheel for cleaner cuts and long lasting service. Gray enamel red tipped handle. Length — 5¼".

Packed 1 in a plastic sleeve: 4 sleeves in a box. Shipping weight: ⅜ lb.

Extra Wheels for No. 66
Packed singly.

NO. 466 GLASS CUTTER MERCHANDISER

Attractive and attention-arresting, this compact unit requires less than 7 square inches of counter space. It displays four No. 66 Glass Carbide-Wheel Cutters . . . each handsomely packaged in a red vinyl, vest-pocket carrying case. Display fixture is free with order for four No. 66 Glass Cutters.

Packed 1 display with 4 cutters in a box. Shipping weight: ⅝ lb.

NO. 1 GLASS CUTTER

Original turret head cutter, famous for high grade performance at low cost. Turret turned from solid bar steel, heat treated and rust-proofed by Udelyte process. Six tested wheels mounted on numbered turret axle can be used successively. Hardwood mahogany lacquered handle. Nickeled frame and ferrule. Overall length — 5⅜".

Packed 1 in a box: 12 boxes in display carton.
Shipping weight: ¾ lb.

Extra Wheels, Type C. (Also fit No. 478.)
Packed 12 in an envelope. Shipping weight: ¼ oz.

NO. 337 GLASS CUTTER

Well balanced cutter with comfortable handle. Has breaker ball in end. Polished frame with type "D" wheel and three widths of breaker notches. Handle is black with red breaker ball. Length — 5".

Packed 1 in a plastic sleeve: 12 sleeves in a box.
Shipping weight: ⅞ lb.

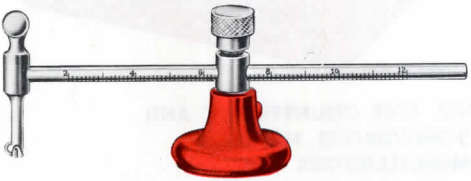
Extra Wheels, Type D. (Also fit No. 444.)
Packed 12 in an envelope. Shipping weight: ¼ oz.

NO. 444 GLASS CUTTER

Handle drops into natural position between first two fingers and can be used for hours without discomfort. Equipped with type "D" wheel set in a well-polished frame with three standard widths of breaker notches. Handle is finished in blue enamel with red tip. Length — 5¼".

Packed 1 in a plastic sleeve: 12 sleeves in a box.
Shipping weight: ⅞ lb.

Extra Wheels, Type D. (Also fit No. 337.)
Packed 12 in an envelope. Shipping weight: ¼ oz.



NO. 478 CIRCULAR GLASS CUTTER

Equipped with a honed and tested wheel in head at end of graduated beam. Will cut circles of any diameter from 2 to 12 inches. Red enameled standard has rubber base to prevent slipping.

Packed 1 in a box. Shipping weight: ½ lb.

Extra Wheels, Type C. (Also fit No. 1.)
Packed 12 in an envelope. Shipping weight: ¼ oz.

NO. 218 GAUGE GLASS CUTTER

With Carbide Wheel

Improved glass tube cutter with carbide wheel. Graduated steel beam. 6½ inches long, nickel plated, with gauge stop. Easily cuts the heavy glass used on boiler and other liquid gauges. Overall length — 12½".

Packed 1 in a box. Shipping weight: ¾ lb.

Extra Wheels for No. 218.
Packed singly.

EXTRA GLASS CUTTER WHEELS

A very fine grade of alloy steel is used in making these wheels, which are precision machined to provide maximum cutting efficiency. The heat treatment is unique and is the result of more than fifty years of research and experience in the perfection of cutters of highest quality.

Type C for Glass Cutters No. 1 and No. 478.
Packed 12 in an envelope. Shipping weight: ¼ oz.

Type D for Glass Cutters No. 337 and No. 444.
Packed 12 in an envelope. Shipping weight: ¼ oz.

Carbide Wheels for Glass Cutter No. 66.

Carbide Wheels for Glass Cutter No. 218.
Packed singly.

COUNTERSINKS

NO. 710 HIGH SPEED COUNTERSINKS

For use in any machinable material. Five flutes with 82° angle. High Speed Steel with ground edges for fast, clean cut. Overall length — 2⅝ inches. ¼" shank. All sizes packed in individual screw cap plastic vials.

No.	Diameter	Shipping Weight
710	½"	¼ lb.
710	⅝"	⅜ lb.
710	¾"	½ lb.

Packed 4 in a box.

MILLERS FALLS TOOLS
SINCE 1868

NO. 7108 COUNTERSINK MERCHANDISER

An attractive bright red metal unit with base 2⅜" x 4¼" x 5½" high. Display included free. Consists of the following No. 710 Countersinks:

4 No. 710 ½"
2 No. 710 ⅝"
2 No. 710 ¾"

Packed 1 unit in a box. Shipping weight: 1⅛ lbs.

NO. 410 COUNTERSINK

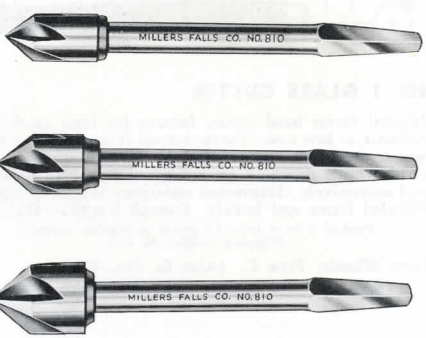
Countersinks holes for standard screws in mild steel, iron, soft metals, wood, etc. High quality steel with milled flutes and ground edges. Has ¼" round shank for use in hand or power drills. Angle 82°, ½" diameter.

Packed 12 in a box. Shipping weight: ½ lb.

NO. 394 FORGED COUNTERSINK

Two-lipped cutter with square shank for bit braces and two-jawed chucks. Forged steel, hardened, tempered and polished. Cutter ¾" diameter — 82° angle.

Packed 6 in a box. Shipping weight: 12 oz.



NO. 810 COUNTERSINKS

Cut fast and clean in mild steel, non-ferrous metals, wood and similar materials. Made of fine grade tool steel with carefully hardened, tempered and ground flutes. Square bit brace shanks — 82° angle.

No.	Diameter	Length	Shipping Weight
810	½"	4¼"	⅝ lb.
810	⅝"	4¼"	¾ lb.
810	¾"	4¼"	⅞ lb.

Packed 6 in a box.

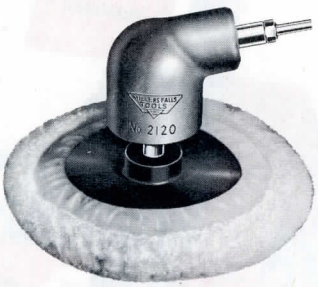
NO. 4100 COUNTERSINK AND SCREWDRIVER BIT MERCHANDISER

A bright, very substantial unit that displays these small tools to excellent advantage and originates many impulse sales. It is finished in red, gray and black. Base: 5" x 6¾". Free with the following assortment:

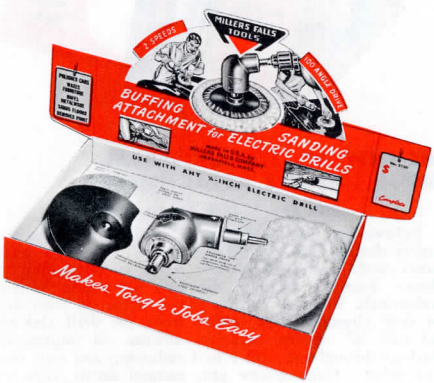
6 No. 410 Countersinks
4 No. 394 Countersinks
2 No. 810 ¾" Countersinks
3 No. 810 ⅝" Countersinks
3 No. 810 ½" Countersinks
2 No. 351 4/16" Screwdriver Bits
2 No. 351 5/16" Screwdriver Bits
2 No. 351 6/16" Screwdriver Bits

Packed 1 in a carton. Shipping weight: 3½ lbs.

DRILL ATTACHMENTS AND ACCESSORIES



MILLERS FALLS TOOLS
DYNO-MITE
RIGHT ANGLE DRIVE
FOR WORK IN CORNERS BETWEEN STUDS, IN ANY HARD TO GET AT PLACES
FITS ALL ¼" DRILLS WITH ⅜-24T SPINDLES
DRIVES
Twist Drills
Power Wood Bits
Sanding, Polishing, Buffing and other
RIGHT ANGLE DRIVE



NO. 2130 RIGHT ANGLE DRIVE

This handy attachment for ¼" and ⅜" electric drills permits operation in close quarters where the drill cannot be used direct . . . in corners, between studs and other awkward spots. No adapter is required. Attachment is screwed directly onto the spindle of the drill, and the drill's chuck is screwed onto the attachment.

Gear ratio is 1 to 1. Gears are solid steel. Bearings are self-lubricating bronze. The side handle is reversible for use by right- or left-handed operators.

No. 2130 fits all ¼" and ⅜" drills with "geared key" or "hex key" chucks which have spindles ⅜" in diameter and with 24 thread. This includes Millers Falls Electric Drills Nos. 1114, 1134, 2838, 1115, 2638, 1888 and Power Units Nos. 0888 and 888.

Packed 1 in a counter display box. Shipping weight: 1⅛ lbs.

NO. 2120 BUFFING AND SANDING ATTACHMENT

An efficient power buffer-sander attachment. Will fit any ¼" electric drill. Two-speeds — 1 to 2 and 2 to 1 drill speed. Angle drive of 100° allows clearance for drill and cord on flat work. Grease sealed lubrication, machine-cut steel gears. Complete with 5" rubber pad, two 5" sanding discs and 5" lambs' wool bonnet.

Packed 1 in a counter display box. Shipping weight: 2 lbs.

Extra Supplies:

No. 2121 5" Lamb's Wool Bonnet.
Packed 4 in a box. Shipping weight: ⅝ lb.

No. 2122 5" Sanding Discs #1 or #00 Grits.
Packed 24 in a box. Shipping weight: ¾ lb.

NO. 2125 CHUCK

For use with No. 2120 Attachment, ¼-inch capacity. Permits drilling in corners and other places difficult to reach with drill alone.

Packed 1 in a box. Shipping weight: ¼ lb.

It's easy to wax and polish furniture, the car, even floors to a high-lustre finish with the No. 2120 Buffing and Sanding Attachment mounted on any ¼" electric drill. Also does an efficient job of disc sanding.

"Impossible spots" are simple to reach when you have a Millers Falls Right Angle Drive. Here, this handy attachment is being used with a No. 800 Power Bit to bore a 1" hole in a tough, spruce wall stud.

MILLERS FALLS TOOLS
SINCE 1868

NO. 2140 JIG SAW ATTACHMENT

Will fit any ¼" drill. Extremely useful and versatile tool for sawing intricate patterns for brackets, valances and other decorative or odd shapes in wood — or weather vanes, house signs, etc. in sheet metal. Requires no starting hole in wood — cuts its own way through. Furnished with 4 saw blades. Capacity 1¾" in wood, ⅛" in metal.

Packed 1 in counter display box. Shipping weight: 2 lbs.

EXTRA BLADES (For No. 2140 Jig Saw Attachment)

A — 7-tooth Wood Cutting
B — 10-tooth Wood Cutting
C — 14-tooth High Speed Steel Metal Cutting
D — 32-tooth High Speed Steel Metal Cutting
E — Knife Blade
F — 18-tooth hollow ground Metal Cutting
G — 24-tooth hollow ground Metal Cutting

Packed 3 blades in an envelope: 30 blades per box. Shipping weight: 7 oz.

No. 2141 Set of 4 blades (1 each A, B, C & D in plastic pocket).

Packed 10 sets in a box. Shipping weight: ½ lb.

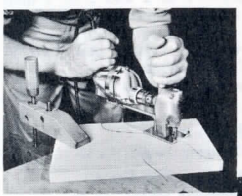
THE NEW NO. 2150 UNIVERSAL HEDGE TRIMMER ATTACHMENT

Fits Any ¼-Inch Electric Drill

A lightweight sturdy Hedge Trimmer Attachment of quality design at a competitive price. For every home-owner with a ¼-inch electric drill, it saves time and effort. Features include: die cast aluminum housing, twelve-inch, 16 tooth cutting blade, universal joint drive for easy alignment, 10° offset angle for drill clearance and full ⅜" cutting capacity. Bronze oil impregnated bearings throughout with 2 to 1 reduction and steel bevel gear drive. Hammertone gray enamel finish with rust-resistant plated bracket and strap and sure-grip Bakelite plastic handle. Overall length — 21½ inches.

No.	Net Weight	Shipping Weight
2150	2¾ lbs.	3¾ lbs.

Packed 1 in counter display box.



Cuts curves, straight lines, circles in wood, metal, plastic —practically any material. The No. 2140 Jig Saw Attachment makes a ¼" electric drill a versatile saw of a thousand uses.

Trims hedges, shapes evergreens, cuts shrubs. A ¼" electric drill equipped with a Millers Falls No. 2150 Hedge Trimmer Attachment does a quick, neat job on all these garden chores.

NO. 2160 ORBITAL SANDER ATTACHMENT

This useful attachment converts any ¼" electric drill into an efficient orbital, fine-finish sander—and does so at a fraction of the cost of a comparable self-powered sander.

It's easy to install with quick-tightening strap clamp and sturdy, adjustable support that holds drill rigidly in place. Two handles are provided for convenience in using tool in any position.

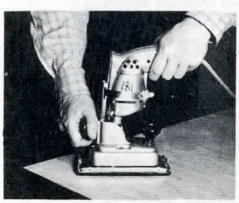
Sanding shoe measures 3⅝" x 7¼" so that exactly 1/3 of standard abrasive sheets can be used. Quick-change, spring-clip paper holders permit changing sandpaper with a flip of a finger. Pad is impervious to water, making it possible to do both wet and dry sanding.

Simple, counterbalanced cam mechanism assures long life and smooth operation. Housing is finished in handsome hammertone gray enamel — bracket, strap and sanding shoe are plated to resist rust. Furnished complete with 2 pieces of #3/0 (120) waterproof closecoat paper and 2 pieces of same, open-coat.

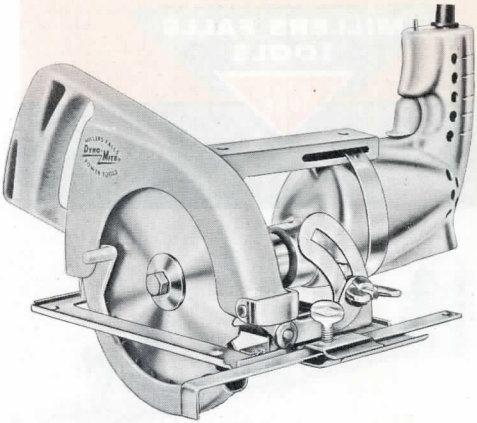
No.	Net Weight	Shipping Weight
2160	2¼ lbs.	2¾ lbs.

Packed 1 in a counter display box.

Sands flush into corners — on door and window frames, shelves, etc. Full width sanding shoe allows sanding right up to baseboards and stair risers. The No. 2160 is light in weight, too, easy and convenient to use anywhere — even overhead.



For that "professional" look. The No. 2160 makes anyone an expert . . . produces surfaces equal to the finest cabinet work. Its tiny, rotating orbital action leaves no marks or whorls. And you can sand with or across the grain equally well.

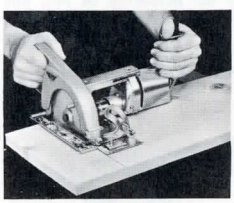


NO. 2170 UNIVERSAL CIRCULAR SAW ATTACHMENT FOR ¼" ELECTRIC DRILLS

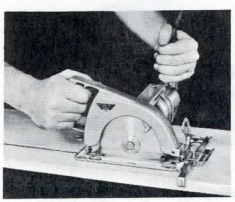
Any ¼" electric drill quickly becomes an easy-to-use, well balanced portable circular saw when equipped with this expertly engineered, lightweight (3⅛ lbs.) attachment. Depth of cut and angle from 90° to 45° can be set accurately and easily. Flexible, quick-tightening strap locks drill securely to adjustable bracket for fast, simple installation. Has spring-loaded retractable guard for safety. Hammertone gray finish on housing and handle. Steel shoe, bracket and strap plated for rust resistance. Furnished with adjustable rip guide.

No.	Net Weight	Shipping Weight
2170	3⅛ lbs.	3¾ lbs.

Packed 1 in a counter display box.

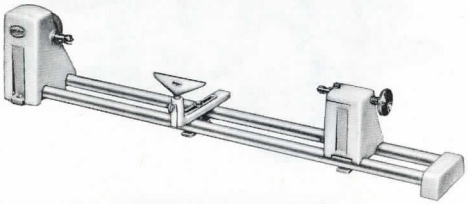


Crosscuts, Rips, Mitres. The No. 2170 can make any cut (including 45° bevels) on unfinished 1" lumber. With quick-tightening strap and adjustable bracket, it mounts in seconds on any ¼" drill.



Ripping Unfinished 1" Lumber, the No. 2170 takes a deep bite. With the rip guide to keep the line true there's little chance of going wrong with this attachment on the job.

MILLERS FALLS TOOLS
SINCE 1868



NO. 2180 UNIVERSAL WOODWORKING LATHE

8" Swing — 30" Between Centers — 4-Step Pulley

Here's a low-cost way to produce high-quality wood turnings. Rigid, vibration-free and easy to operate, the No. 2180 has many quality features usually found only in more expensive units. Ruggedly built to handle any kind of home workshop job. Turns work up to 8" in diameter and 30" long. Complete with 4-step pulley. Designed for use with Millers Falls famous No. 888 Power Unit, it can also be run with any suitable drill or induction motor with at least ¼ H.P.

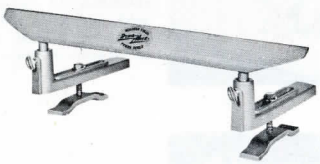
Packed in 2 cartons. Shipping weight: 25 lbs.

NO. 2181 MOTOR MOUNT

For No. 2180 Lathe

Versatile unit makes possible the mounting of No. 888 Power Unit or a variety of different type motors on No. 2180 Lathe and at the same time permits quick change of belt speeds. Pulley and V-belt included.

Packed 1 in a carton. Shipping weight: 4⅞ lbs.

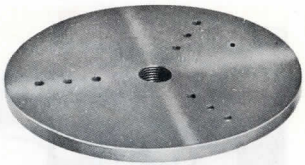


NO. 2182 18" TOOL REST

For No. 2180 Lathe

Greatly facilitates turning of long pieces between centers. Keeps long turnings straight and eliminates necessity for repeatedly moving short tool rest. Complete with two tool support bases.

Packed 1 in a carton. Shipping weight: 4¼ lbs.



NO. 927 6" FACE PLATE

For No. 2180 Lathe

Has 6" diameter for large face plate work up to maximum capacity of lathe. May also be used in conjunction with a lathe dog for turning metal between centers. Back threaded to fit ¾" x 16-thread arbor.

Packed 1 in a carton. Shipping weight: 2 lbs.

POWER BITS AND EXTENSIONS

NO. 800 POWER BITS

High speed steel holds its edge 10 times longer than regular tool steel. Impervious to drilling heat that would draw temper from standard bits. Cut fast and clean in hard and soft woods, plastics, plywood, and similar materials — even cut through ordinary nails or screws encountered in floors and partitions. Easily resharpened on a grinding wheel by following instructions included with each bit. Recommended for drills with high R.P.M. Depth of cut — 5". Chuck end of all sizes is ¼" with flats milled for 3-jawed chuck. Overall length — 6½".

No.	Hole Diameter	Shank Diameter	Shipping Weight
800-3/8"	3/8"	1/4"	5/8 lb.
800-1/2"	1/2"	1/4"	5/8 lb.
800-9/16"	9/16"	5/16"	3/4 lb.
800-5/8"	5/8"	5/16"	3/4 lb.
800-11/16"	11/16"	5/16"	7/8 lb.
800-3/4"	3/4"	5/16"	7/8 lb.
800-13/16"	13/16"	3/8"	1 lb.
800-7/8"	7/8"	3/8"	1 lb.
800-1"	1"	3/8"	1 1/8 lbs.

Packed 6 in a box.

NO. 8004 and 8006 POWER BIT SETS

Available in two sizes — one with 4 Bits and one with 6 Bits — both in handsome, plastic carrying rolls.

No. 8004 Plastic Roll with set of 4 (½", ⅝", ¾", 1").

Packed 1 in a box. Shipping weight: ⅝ lb.

No. 8006 Plastic Roll with set of 6 (⅜", ½", ⅝", ¾", ⅞", 1").

Packed 1 in a box Shipping weight: ⅞ lb.

No. 835
power bit extension FOR ¼" SHANKS
FOR USE WITH ¼" PORTABLE ELECTRIC TOOLS ONLY
MILLERS FALLS TOOLS
Made in U.S.A. by MILLERS FALLS COMPANY, GREENFIELD, MASS.

NO. 835 POWER BIT EXTENSION

12 inches long. Takes any size No. 800 Power Bit and follows through behind 11/16" and larger bits. Can be used singly or in series. With hex key. Nickel plated and polished.

Carded and packed 4 in a box. Shipping weight: 2⅛ lbs.

MILLERS FALLS TOOLS
HIGH SPEED STEEL
POWER BITS
FOR USE IN ANY ¼" AND LARGER DRILL
Bore fast and clean in wood, plastic and masonite
Stay sharp 10 times longer than regular carbon bits
Cut through ordinary nails and screws without damage
Keep temper under high drilling speeds and heats
FOR THAT EXTRA REACH BUY THE 12" BIT EXTENSION
No. 835 POWER BIT EXTENSION FOR ¼" SHANKS

NO. 8002 POWER BIT MERCHANDISER

A free display for counter or wall use — strikingly modern with key sales features sharply silk-screened in three colors; surprisingly compact, measuring only 20" x 14¼" x 7½"; and sturdily constructed with a rugged "Duron" hard-board panel and strong wire legs and brackets.

Each bit is snugly nested in new lock-top vinyl plastic sleeves with eye-catching copy on front, basic how-to-use instructions on back and punched flap for easy hanging by workbench. Bit assortment is as follows:

4 ea. Nos. 800 — 3/8", 1/2", 5/8", 3/4", 7/8", 1"
2 ea. Nos. 800 — 9/16", 11/16", 13/16"
2 ea. Nos. 835 — 12" Power Bit Extensions

Each bit packed in a plastic sleeve.
Extensions on display cards.
Entire unit packed 1 in a box. Shipping weight: 8 lbs.

NO. 838 HEAVY DUTY POWER BITS

Bore big holes easily with high speed steel blades that cut through ordinary nails, obstructions, etc., found in floors and partitions. Milled flats for firm chuck grip. Fit any 3/8" or larger drill. May also be used in ¼" drills with Shank Adapter or Quick-Change Chuck. Depth of cut, 7". Length overall, 8⅜".

No.	Hole Diameter	Shank Diameter	Shipping Weight
838 - 5/8"	5/8"	3/8"	1½ lbs.
838 - 3/4"	3/4"	3/8"	1⅝ lbs.
838 - 7/8"	7/8"	3/8"	1⅝ lbs.
838 - 1"	1"	3/8"	1¾ lbs.
	Packed 6 in a box.		
838 - 1⅛"	1⅛"	½"	1¾ lbs.
838 - 1¼"	1¼"	½"	1⅞ lbs.
838 - 1⅜"	1⅜"	½"	1⅞ lbs.
838 - 1½"	1½"	½"	2 lbs.
	Packed 4 in a box.		

MILLERS FALLS
HEAVY DUTY POWER BIT
HIGH SPEED STEEL
Extra thick, high speed steel blade cuts ordinary nails or screws
For use in ¼" or larger electric drills

NO. 8381 SHANK ADAPTER

Specially designed to permit use of No. 838 Power Bits and No. 8383 Extension in ¼" electric drills. 3/8" socket fits bits — ¼" shank fits drill chuck.

Carded and packed 6 in a box.
Shipping weight: ¾ lb.

NO. 8382 QUICK-CHANGE CHUCK

Pull back spring-loaded sleeve and slip No. 838 Bit or No. 8383 Extension into socket. Release sleeve and ball locks tool in position. Chuck screws directly onto 3/8"—24 spindles of ¼" and 3/8" drills. No. 8384 Adapter available for use on ½" — 20 spindles of ½" drills.

Carded and packed 4 in a box.
Shipping weight: 1⅛ lbs.

No. 8383
MILLERS FALLS TOOLS
HEAVY DUTY
POWER BIT EXTENSION
FOR BITS WITH ¼" SHANKS
use with ¼" or larger portable electric drills
MILLERS FALLS COMPANY, Greenfield, Mass.

NO. 8383 POWER BIT EXTENSION (14 inch)

Takes all sizes of 838 Power Bits and follows through behind ¾" or larger bits. Chuck end: 3/8" with 3 milled flats. Nickel plated and polished.

Carded and packed 4 in a box. Shipping weight: 2½ lbs.

MILLERS FALLS TOOLS
HEAVY-DUTY HIGH SPEED STEEL
POWER BITS
For Use in Electric Drills and Drill Presses
BORE FAST AND CLEAN IN HARD AND SOFT WOODS, PLASTICS, MASONITE, ETC.
STAY SHARP 10 TIMES LONGER
Cut Through Screws and Wire Nails without Damage

NO. 8380 POWER BIT MERCHANDISER

Colorful display with hard maple test block which shows how bits cut through nails and obstructions. Takes only 3" x 12½" on counter or in window. Free with tools it displays. Tool assortment is as follows:

2 No. 838	5/8" Bits	2 No. 838	1⅛" Bits
2 No. 838	¾" Bits	2 No. 838	1¼" Bits
2 No. 838	7/8" Bits	2 No. 838	1⅜" Bits
2 No. 838	1" Bits	2 No. 838	1½" Bits
1 No. 8381	Shank Adapter	1 No. 8382	Quick Change Chuck

Packed 1 in a box. Shipping weight: 8 lbs.

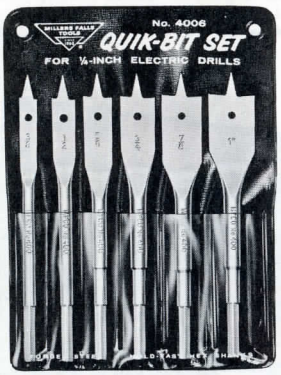
MILLERS FALLS TOOLS
SINCE 1868

NO. 400 "QUIK-BITS"

Available in six sizes from ⅜" to 1". "Quik-Bits" fit any ¼" or larger electric drill chuck. "Hold-fast" hex shank gives non-slip drive and chucks quickly and accurately. Specially heat treated and tempered for long life, "Quik-Bits" bore through the hardest wood at any angle. Cutting edges easily resharpened. Depth of cut — 4½". Overall length — 6¼".

No.	Hole Diameter	Shank Diameter	Shipping Weight
400 - ⅜"	⅜"	¼"	1 lb.
400 - ½"	½"	¼"	1⅛ lbs.
400 - ⅝"	⅝"	¼"	1⅛ lbs.
400 - ¾"	¾"	¼"	1¼ lbs.
400 - ⅞"	⅞"	¼"	1⅜ lbs.
400 - 1"	1"	¼"	1⅝ lbs.

Carded and packed 10 in a box.



NO. 4006 "QUIK-BIT" SET

Handy plastic pouch with "hang-up" holes keeps bit assortment together — ready to use. Easy-to-carry roll contains popular selection of six bit sizes: ⅜", ½", ⅝", ¾", ⅞" and 1".

Packed 3 in a box.

COUNTERSINKS

See pages 49 and 50 for high speed steel and standard countersinks for use in ¼" electric drills.

"QUIK-CUT" HOLE SAWS

Available in sizes from ⅝" through 2½". "QUIK-CUT" Hole Saws bite through metal, wood, plastics and composition materials with speed and ease. They cut clean, round holes up to ⅞" deep . . . increase the capacity of ¼" drills up to 1⅛", ⅜" drills up to 1½" and ½" drills up to 2½". Follow-through design lets saw follow through its own hole for extra-deep cuts. Knock-out holes provided for removing cores. Saws are slotted to fit other make mandrels similar to Millers Falls design.

No.	Diameter Saw	For Conduit Sizes	For Pipe Sizes	Shipping Weight
*2710	⅝"	¼"		1⅞ oz.
2712	¾"	⅜"		1⅛ oz.
2714	⅞"	½"	¾"	1¼ oz.
2716	1"			1⅜ oz.
2718	1⅛"	¾"	1"	1½ oz.
2720	1¼"			1⅝ oz.
2722	1⅜"	1"		1⅝ oz.
2724	1½"		1¼"	1¾ oz.
2726	1⅝"			1⅞ oz.
2728	1¾"	1¼"	1½"	2⅛ oz.
2732	2"	1½"		2⅜ oz.
2734	2⅛"			3 oz.
2740	2½"	2"		3½ oz.

Packed 1 in a box.

*Built-in Mandrel

MANDRELS

NO. 2701 **NO. 2702**

No.		Shipping Weight
2701	Fits ¾"—1⅛" Saws— 1/4" Shank	2⅜ oz.
2702	Fits 1¼"—2½" Saws—5/16" Shank	2⅞ oz.

Packed 1 in a box.

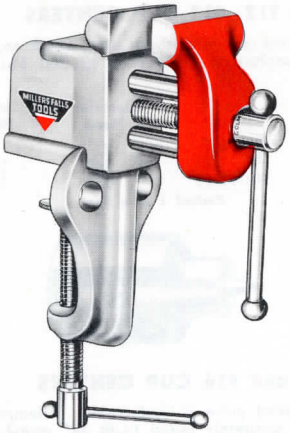
No. 1465
"Screw-Guide"
PRICE
MILLERS FALLS TOOLS
FOR No. 12
ADJUSTABLE SCREW HOLE DRILL
DRILLS COUNTERSINKS COUNTERBORES
DOES FIVE JOBS IN ONE OPERATION
1 Drills counterbore for putty or wood plug.
2 Drills countersink for flat screw head.
3 Drills hole for body of screw.
4 Drills correct diameter for screw threads.
5 Automatically stops at pre-set depth.
MILLERS FALLS COMPANY, GREENFIELD, MASS., U.S.A.

NO. 1465 "SCREW GUIDES"

Drill holes for threaded portion, body, countersink or plug in one operation with hand or power tools. May be used with any ¼" chuck. Adjustable for any length of wood screw. Sizes for No. 6, No. 8, No. 10 and No. 12 screws. Always stop at correct pre-set depth.

Carded and packed 4 in a box. Shipping weight: ½ lb.

VISES

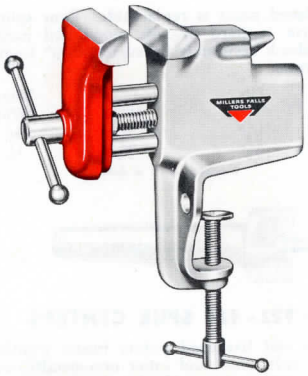


NO. 663 and 664 BENCH VISES

Original twin guide rod construction operated by accurately cut steel feed screw. Jaws operate easily with no lost motion. Jaws machined after vise is assembled. Steel parts polished. Iron parts finished in red and gray enamel.

No.	Width Jaws	Jaws Open	Shipping Weight
663	1½"	1½"	2¼ lbs.
664	2½"	2½"	8 lbs.

Packed 1 in a box.



NO. 161 BENCH VISE

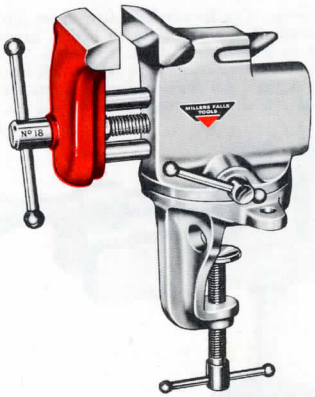
Strong, rigid vise with machined jaws. Twin steel guide rod construction. Small anvil on body casting. Clamps to bench 2 inches thick with countersunk screw holes for fastening vise to front of bench. Body in gray, movable jaw red. Width jaws 2", jaws open 2½".

Packed 1 in a box. Shipping weight: 4 lbs.

NO. 1700 RIGID BENCH VISE

Twin guide rod construction insures smooth action and rigidity of the movable jaw. Jaws 2½" wide are milled parallel after assembly. Maximum opening 2¼". Small anvil on body casting. Body in gray enamel; movable jaw in red. All exposed steel parts polished. Clamps to bench up to two inches thick.

Packed 1 in a box. Shipping weight: 4 lbs.



NO. 18 SWIVEL BENCH VISE

Swivel base permits jaws to be swung to any desired angle; swivel clamping mechanism is controlled by a small lever at the right. Jaws 2½" wide are milled after assembly to insure close fitting. Maximum opening 2¼". Small anvil on body casting. Clamps to bench up to two inches thick. Body in gray enamel; movable jaw in red.

Packed 1 in a box. Shipping weight: 5½ lbs.

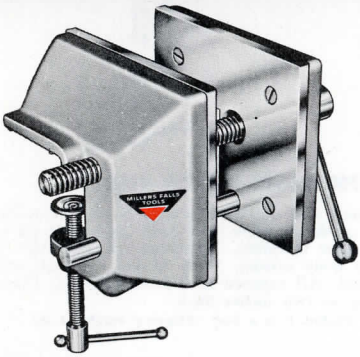
NO. 56 BENCH HOOK

Easily inserted in any bench. Four faces adjustable to any height up to 1¼". Upper part polished socket two inches in diameter. Lower part one inch in diameter. Inner surface of socket red enameled.

Packed 6 in a box. Shipping weight: 3¾ lbs.

MILLERS FALLS TOOLS
SINCE 1868

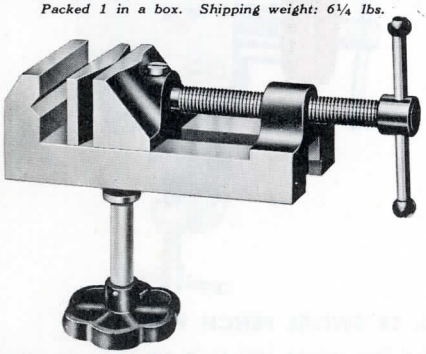
WORKSHOP ACCESSORIES



NO. 1406 CARPENTER'S VISE

Light but strong. Can be carried easily from job to job. Clamps horizontally or vertically to bench, sawhorse or anything up to 2¼" thick. Cast iron jaws 5" wide in silver gray hammertone enamel are faced with Resinwood. Jaw capacity is 3¾". All unpainted metal parts are plated.

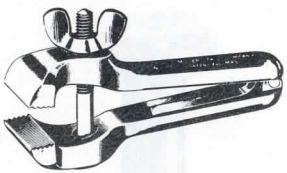
Packed 1 in a box. Shipping weight: 6¼ lbs.



NO. 217 BENCH DRILL VISE

Well made, nicely finished vise for bench, bench drill or drill press. Accurately machined jaws, base, sides and bearing parts. Removable swivel jaw. Steel screw. Capacity with swivel jaw inserted, 2¾"; with swivel jaw removed, 3⅛"; width of jaws, 2⅜". Screw clamp holds vise securely in place.

Packed 1 in a box. Shipping weight: 5 lbs.



NO. 3 HAND VISE

Cast tool steel. Jaws hardened and tempered. Sure grip serrated jaws tightened by large steel thumb nut and screw bolt. Heavy spring to open jaws. Black enameled with jaws polished. Length, 5"; width jaws, 1½"; jaws open 1¼".

Packed 1 in a box. Shipping weight: 1 lb.

NO. 910 - 912 - 914 CUP CENTERS

Deep machined cups with sharp rims. The keen, hardened points are replaceable. Precision ground Morse Taper Shanks.

No.	Shank	Diameter Head	Shipping Weight
910	#0 M.T.	½"	1 oz.
912	#1 M.T.	⅝"	⅛ lb.
914	#2 M.T.	¾"	⅜ lb.

Packed 1 in a box.

NO. 915 and 916 CUP CENTERS

Sharp, hardened point is replaceable. Diameter of cup ⅝". Shank accurately bored to fit ⅝" round arbor.

No.	Fits Arbor	Diameter Head	Shipping Weight
915	½"	⅝"	⅜ lb.
916	⅝"	⅝"	¼ lb.

Packed 1 in a box.

NO. 917 and 918 SPUR CENTERS

Sharp, hardened point is replaceable. Four spurs insure positive drive in hard or soft wood and non-metallic materials. Shank accurately bored to fit ⅝" round arbor. Two set screws.

No.	Fits Arbor	Diameter Head	Shipping Weight
917	½"	¾"	⅜ lb.
918	⅝"	¾"	¼ lb.

Packed 1 in a box.

NO. 920 - 922 - 924 SPUR CENTERS

Sharp spurs and hardened points insure positive drive for hard or soft wood and other non-metallic materials. Points are replaceable. Hardened, precision ground Morse Taper Shanks.

No.	Shank	Diameter Head	Shipping Weight
920	#0 M.T.	½"	1 oz.
922	#1 M.T.	⅞"	2½ oz.
924	#2 M.T.	1"	⅜ lb.

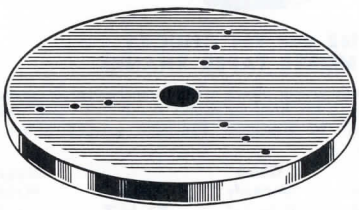
Packed 1 in a box.

NO. 926 FACE PLATE

Heavy ½" plate, 3" in diameter bored so spurs can be set at two diameters, 1-13/16" and 2-7/16". Center threaded for either the hardened point or screw center regularly supplied. Two hardened spurs also regular equipment. Back threaded to fit ¾" x 16T arbor.

No.	Fits Arbor	Diameter Plate	Shipping Weight
926	¾"-16 thread	3"	1⅜ lbs.

Packed 1 in a box.



NO. 927 6" FACE PLATE

Has 6" diameter for large face plate work up to maximum capacity of lathe. May also be used in conjunction with a lathe dog for turning metal between centers. Back threaded to fit ¾" x 16-thread arbor.

Packed 1 in a carton. Shipping weight: 2 lbs.

NO. 928 - 930 - 932 60° POINT CENTERS

Hardened, precision ground 60° centers with precision ground Morse Taper Shanks for use in tailstocks.

No.	Shank	Shipping Weight
928	#0 M.T.	1½ oz.
930	#1 M.T.	2½ oz.
932	#2 M.T.	⅜ lb.

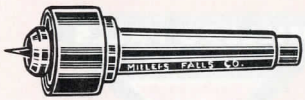
Packed 1 in a box.

NO. 934 - 936 60° BALL BEARING POINT CENTERS

Ball bearing 60° centers, hardened and precision ground concentric with the precision ground Morse Taper Shanks.

No.	Shank	Shipping Weight
934	#1 M.T.	½ lb.
936	#2 M.T.	⅜ lb.

Packed 1 in a box.



NOS. 935 AND 937 BALL BEARING CUP CENTERS

A smooth-running ball bearing cup center is ideal for wood turning... minimizes friction, does not burn work. Maintains uniform fit of work on centers. No. 935 with #1 Morse Taper fits No. 2180 Lathe.

No.	Shank	Shipping Weight
935	#1 M. T.	½ lb.
937	#2 M. T.	⅝ lb.

NO. 938 CROTCH CENTER

For centering round and square stock for drilling. Accurately milled 90° crotch. Precision ground Morse Taper Shank.

No.	Shank	Diameter Head	Shipping Weight
938	#2 M.T.	2"	1 lb.

Packed 1 in a box.

NO. 940 and 942 SCREW FACE PLATES

For holding small blocks of non-metallic materials. Hardened screws. Plate 1¾" and 2" in diameter. Precision ground Morse Taper Shanks.

No.	Shank	Diameter Plate	Shipping Weight
940	#1 M.T.	1¾"	¼ lb.
942	#2 M.T.	2"	¾ lb.

Packed 1 in a box.

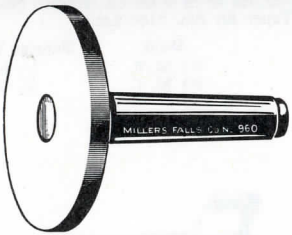
NO. 944 MORSE TAPER ADAPTER SLEEVE

A precision ground No. 2 Morse Taper Shank with a No. 1 Morse Taper Socket accurately bored in it. Makes it possible to use No. 1 Shanks in No. 2 Socket.

No.	Adapts	Shipping Weight
944	#1 to #2 M.T.	¼ lb.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868



NO. 960 DRILL PAD

Face of pad accurately ground at right angles to the shank. Pad diameter 3-3/16". Precision ground Morse Taper Shank.

No.	Shank	Diameter Pad	Shipping Weight
960	#2 M.T.	3-3/16"	1⅛ lbs.

Packed 1 in a box.

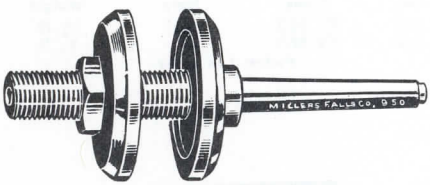
WORK ARBORS

NO. 946 - 948 WORK ARBORS with CHUCK

A useful combination of a ½" capacity three-jawed chuck and an arbor for grinding wheels, buffs and brushes with ½" hole. Maximum distance between the 2" flanges is 2¼" with chuck removed, ⅝" with chuck closed. Chuck back threaded ½"-20T. Shanks accurately bored to fit round arbors.

No.	Fits Arbors	Shipping Weight
946	½"	1⅜ lbs.
948	⅝"	1⅜ lbs.

Packed 1 in a box.

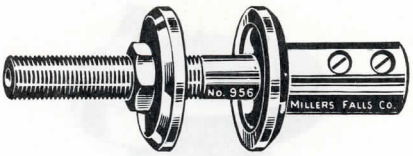


NO. 950 - 952 - 954 WORK ARBORS FOR MORSE TAPER SOCKETS

Work arbors accommodate grinding and buffing wheels, wire brushes, etc. with ½" holes. Maximum capacity between the 2" diameter flanges is 1¼". Arbor threaded ½"-20T. Precision ground Morse Taper Shanks.

No.	Shank	Shipping Weight
950	#0 M.T.	½ lb.
952	#1 M.T.	½ lb.
954	#2 M.T.	⅝ lb.

Packed 1 in a box.



NO. 956 and 958 WORK ARBORS

For operating grinding, polishing, wire brush, buffing wheels, sanding drums, etc. with ½" holes. Maximum capacity between the 2" diameter flanges is 2¼". Spindle is ½" in diameter with 20 threads per inch. Shanks accurately bored to fit round arbors. Two set screws.

No.	Fits Arbor	Shipping Weight
956	½"	¾ lb.
958	⅝"	¾ lb.

Packed 1 in a box.

NO. 962 and 964 CHUCKS with MORSE TAPER SHANKS

A smooth acting chuck with three hardened, spring activated jaws for holding round shank drills and rods from 0 to ½" in diameter. Precision ground Morse Taper Shanks.

No.	Chuck Capacity	Shanks	Shipping Weight
962	0 to ½"	#1 M.T.	1 lb.
964	0 to ½"	#2 M.T.	1¼ lbs.

Packed 1 in a box.

NO. 988 - 966 - 968 DRILL CHUCKS

Finely knurled shells with three hardened, spring actuated jaws for holding all drills or rods within their capacity. Back threaded to fit on ½"-20 thread spindles. No. 968 is chrome plated and has a spanner wrench.

No.	Capacity	Fits Arbor	Shipping Weight
988	¼"	½-20 thread	¼ lb.
966	½"	½-20 thread	¾ lb.
968	½"	½-20 thread	¾ lb.

Packed 1 in a box.

NO. 970 and 972 CHUCKS with ROUND SOCKETS

Smooth operating ½-inch capacity chuck with three hardened, spring activated jaws for holding round shanks, drills and rods. Chuck back threaded ½"-20T. Sockets accurately bored for round shanks.

No.	Chuck Capacity	Fits Arbor	Shipping Weight
970	½"	½"	1 lb.
972	½"	⅝"	1 lb.

Packed 1 in a box.

NO. 974 and 990 COLLET CHUCKS

Made in two sizes, ¼ inch and ½ inch respectively. Back threaded to fit an arbor ½" in diameter with 20 threads to the inch.

No.	Capacity	Fits Arbor	Shipping Weight
974	¼"	½"-20 thread	¼ lb.
990	½"	½"-20 thread	¾ lb.

Packed 1 in a box.

NO. 976 SHAPER COLLARS

Set consists of six collars for use on ½" shaper spindles. Outside diameters 19/32", ¾", 1", 1¼", 1½", and 1¾".

No.	Fits Spindle	Shipping Weight
976	½"	¼ lb.

Packed 1 set in a box.

NO. 978 SHAPER CUTTER ADAPTER

For shaper cutters with ½" holes. Maximum thickness of cutter 1¼". Shank accurately bored to fit a No. 33 Jacobs Taper Arbor. Drift pin included.

No.	For Cutters	Fits Arbors	Shipping Weight
978	½" hole	#33 Jacobs	⅜ lb.

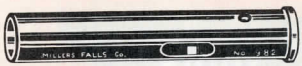
Packed 1 in a box.

NO. 980 SHAPER CUTTER ADAPTER

For using shaper cutters with holes 9/16" in diameter with 18 threads to the inch. Hardened lefthand lock screw. Shank accurately bored to fit a No. 33 Jacobs Arbor. Drift pin included.

No.	For Cutters	Fits Arbors	Shipping Weight
980	9/16"-18 thds.	#33 Jacobs	⅜ lb.

Packed 1 in a box.



NO. 982 TAPER ADAPTER

For adapting tools with No. 2 Morse Taper Shanks to drill presses with No. 33 Jacobs Arbors. An accurately bored No. 2 M.T. socket in one end and a No. 33 Jacobs Arbor in the other. Fine ground finish.

No.	Adapts	Shipping Weight
982	#2 M.T. to # 33 Jacobs	½ lb.

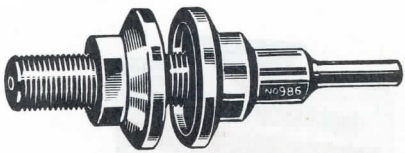
Packed 1 in a box.

NO. 984 COLLET CHUCK

Chuck has ½-inch capacity and is regularly supplied with one ¼-inch collet. Shank is accurately bored to fit a No. 33 Jacobs Taper Arbor. Drift pin for removal from arbor included.

No.	Capacity	Fits Arbor	Shipping Weight
984	½"	#33 Jacobs	¼ lb.

Packed 1 in a box.



NO. 986 WHEEL ARBOR

For operating grinding and buffing wheels, wire and fibre brushes, etc., with ½" holes. Shank ¼" in diameter can be used in any three jawed chuck of ¼" or larger capacity. Maximum distance between the 1⅜" flanges is 1". Arbor threaded ½"-20T. For use in ¼" electric drills only. Maximum recommended wheel: 4" x ½".

No.	Shank	Shipping Weight
986	¼"	¼ lb.

Packed 1 in a box.

NO. 992 ABRASIVE DISC HOLDER

For driving paper and cloth abrasive discs for grinding, polishing and sanding. Anchor screw holds discs securely, without protruding beyond the face of the disc. Has ¼" round shank for use in three jawed chucks. For use in ¼" electric drills only.

No.	Capacity Disc	Shank Diameter	Shipping Weight
992	4" to 6"	¼"	⅛ lb.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868

GRINDING HEADS

NO. 994 ABRASIVE DISC HOLDER

Anchor screw holds 6" to 8" abrasive discs securely for grinding, polishing and sanding operations. Shank accurately bored to fit a ½"-20T threaded arbor.

No.	Capacity Disc	Fits Arbor	Shipping Weight
994	6" to 8"	½"-20 thread	⅜ lb.

Packed 1 in a box.

NO. 999 WORKSHOP ACCESSORY MERCHANDISER

Compact, attractive unit displays an assortment of the most popular workshop accessory items for homeowners, craftsmen, professional mechanics and light industry. Contains 4 work arbors, 3 drill chucks and 2 wheel arbors — all precision machined from high grade steel. Display fixture free with following assortment:

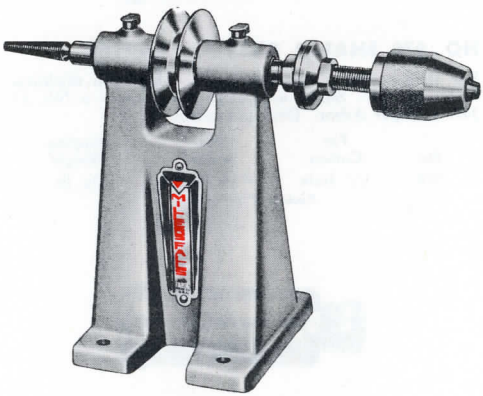
1 ea. No. 958 Work Arbor
3 ea. No. 956 Work Arbor
2 ea. No. 2110 Wheel Arbor
2 ea. No. 966 Drill Chuck
1 ea. No. 988 Drill Chuck

Packed 1 in a carton. Shipping weight: 5 lbs.

NO. 120A GRINDING HEAD

Rigid battleship gray enamel frame with highly buffed pulley and polished nickeled and buffed flanges. V-belt pulley can be driven from behind, above or below. Steel spindle — ½" diameter, running in "Oilite" bearings 1¼" long, threaded at both ends. Has two sets of flanges for ¾" face wheels up to 4" in diameter. Height to center of spindle, 6".

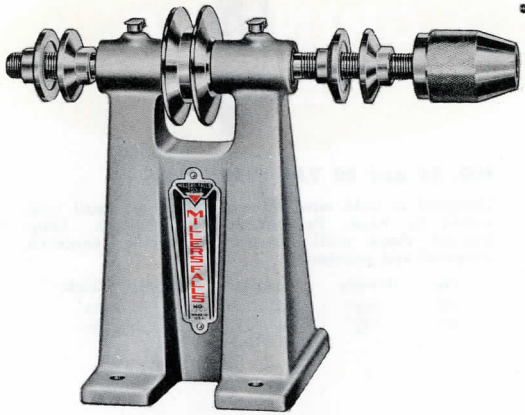
Packed 1 in a carton. Shipping weight: 5 lbs.



NO. 125A GRINDING HEAD

Same frame as No. 120A but on one end it has taper thread for use of buffing wheels and a great variety of other wheels built with wood centers. On the other end, it has a set of flanges for ¾" face wheels up to 4" in diameter and an 0 to ⅜" capacity 3-jawed chuck. Pulley buffed, flanges and chuck nickel plated and buffed.

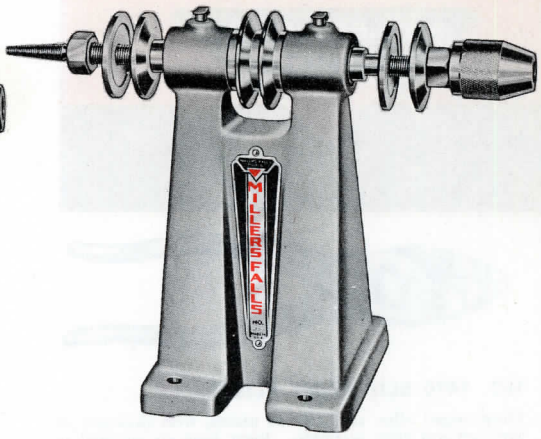
Packed 1 in a carton. Shipping weight: 5⅜ lbs.



NO. 130A GRINDING HEAD

Same as No. 120A but has longer spindle on right side. This has a 0 to 3/8" capacity three-jawed chuck. Both spindles are 1/2" in diameter and threaded 20 to the inch. 1 1/4" "Oilite" bearings. Flanges and chuck nickeled and buffed. Base battleship gray enamel. V-belt pulley can be driven from behind, above or below. Height to center of spindle — 6 inches.

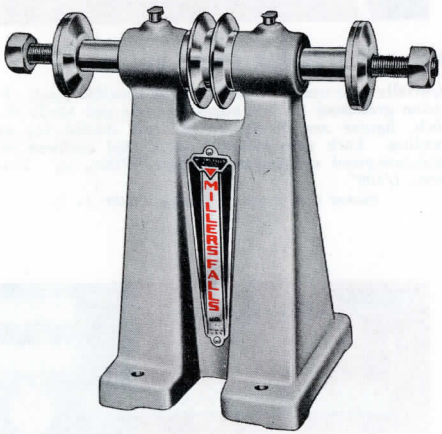
Packed 1 in a carton. Shipping weight: 5 5/8 lbs.



NO. 155A GRINDING HEAD

Same battleship gray enameled frame as #150A. Spindle 3/4" in diameter runs in P1/2" "Oilite" bearings, wick oiled from reservoirs in the frame. Taper thread and set of flanges on one end. A set of flanges and an 0 to 3/8" capacity three-jawed chuck on the other. Flanges are 2" in diameter and hold wheels 6 inches or larger in diameter with 1" face. Flanges and chuck nickeled and buffed. Nicely buffed V-belt pulley drives from behind, above or below. Height to center of spindle — 7 1/2".

Packed 1 in a carton. Shipping weight: 11 3/4 lbs.



NO. 150A GRINDING HEAD

Heavy gray enameled frame with 3/4" spindle running in 1 1/2" "Oilite" bearings, wick oiled from reservoirs in base casting. Nickeled and buffed flanges on each end for 6" or larger wheels with 1" face. V-belt pulley can be driven from behind, above or below. Height to center of spindle — 7 1/2 inches.

Packed 1 in a carton. Shipping weight: 11 1/4 lbs.

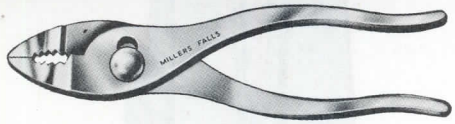
WRENCHES PLIERS & TAPS

NO. 1473 8-INCH ADJUSTABLE-END WRENCH

Hardened and tempered jaws with a 1" maximum capacity. They are ground and polished on the sides, and only 1/4" thick so as to get into narrow spaces. The adjusting screw is deeply knurled. Wrench is 8" long and chrome plated.

Packed 6 in a box. Shipping weight: 2 5/8 lbs.

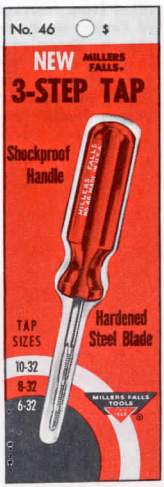
MILLERS FALLS TOOLS
SINCE 1868



NO. 1470 SLIP-JOINT PLIERS

Drop-forged alloy steel, nickel plated, with thickness of jaws ground after assembly. Inner jaws are serrated to provide a sure grip with either adjustment. Handles are flared outward at the ends to insure a secure hold. Length, 6 inches.

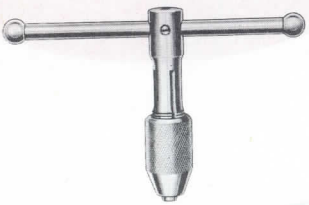
Packed 6 in a box. Shipping weight: 2¼ lbs.



NO. 46 3-STEP TAP

Three taps in one, this versatile tool cleans out, taps or retaps holes threaded 10-32, 8-32 or 6-32 . . . the most common tap sizes. Hardened steel blade and shock-proof plastic handle. Ideal for switch and outlet boxes, terminals, radio and television chassis. Blister-packed on Millers Falls "Bulls-Eye" cards.

Carded and packed 6 in a box. Shipping weight: 1¼ lbs.



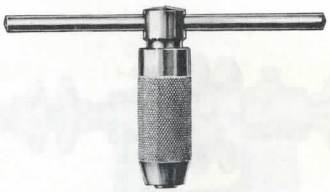
NO. 10 - 11 - 12 TAP WRENCHES

Ideal for holding taps, reamers, drills and other small tools. Adjustable handle. Knurled chuck shell. Tempered jaws.

No.	Handle	Capacity	Shipping Weight
10	3¼"	1/16" - 1/4"	⅞ lb.
11	4¾"	1/16" - 9/32"	1⅝ lbs.
		Packed 6 in a box.	
12	5¾"	7/32" - 1/2"	1¼ lbs.
		Packed 2 in a box.	

No. 112 Set of 1 No. 10, 1 No. 11, 1 No. 12

Packed 1 set in a box. Shipping weight: 1⅛ lbs.



NO. 88 and 89 TAP WRENCHES

Designed to hold taps, reamers, drills and small tools turned by hand. Permanently fixed handles. Long, knurled chuck shell. Forged steel jaws, hardened, tempered and polished.

No.	Handle	Capacity	Shipping Weight
88	3½"	1/16" - 1/4"	1¼ lbs.
89	4½"	5/32" - 1/2"	2⅛ lbs.

Packed 6 in a box.

PRECISION TOOLS

RULES

MILLERS FALLS TOOLS
No. 106 FLEXIBLE
PRECISION STEEL RULE
PRICE
• 6 INCHES LONG — graduated in 16ths and 32nds
• ETCHED GRADUATIONS — shaded for quick, easy reading
MILLERS FALLS COMPANY - Greenfield, Mass.

NO. 106 FLEXIBLE STEEL RULE

Specially heat-treated 6-inch rule of crucible steel. Precision graduated on two edges in 16ths and 32nds of an inch, figures are deeply etched and shaded for easy reading. Each rule mounted on a card enclosed in a moisture-proof cellophane envelope. Width, ½". Thickness, 1/100".

Packed 6 in a box. Shipping weight: ¼ lb.

NO. 260 SATIN CHROME FINISH RULE

Same construction features as No. 106, but with Satin Chrome finish for non-glare reading. Dark, clearly etched graduations in 32nds and 64ths on one side, 10ths and 100ths on reverse. Individually mounted on two-color card and packed in moisture-proof cellophane envelope. Length: 6". Width: ½". Thickness: 1/100".

Packed 6 in a box. Shipping weight: 4 oz.

NO. 20
NARROW STEEL RULE

Convenient 6-inch precision steel rule 1/4" wide with pocket clip which also acts as a base when rule is used as a depth gauge. Graduated in 32nds of an inch on one side, in 64ths on the other. Graduations and numerals are deeply etched. Each rule mounted on a card in moisture-proof cellophane envelope. Width, 1/4". Thickness, 1/20".

Packed 6 in a box.
Shipping weight: 1/4 lb.

NO. 274 NARROW TEMPERED RULE

Made in 6" length only. Smoothly ground finish, clearly etched graduations and figures. Graduated in 32nds on one edge one side and 64ths on the other side. Length: 6". Width: 1/4". Thickness: 1/20".

Packed 6 in a box. Shipping weight: 2 1/2 oz.

LIGHT TEMPERED RULES

Numbered for Quick Reading

A light tempered rule in three lengths with smoothly ground finish and clearly etched graduations and figures. Graduated on four edges in 8ths, 16ths, 32nds and 64ths with the 32nds and 64ths numbered at each 1/8" graduation line for quick reading.

No.	Length	Width	Thickness	Shipping Weight
866	6"	3/4"	1/20"	6 1/2 oz.
866	12"	1"	1/20"	1 1/4 lbs.
866	18"	1"	1/20"	2 lbs.

Packed 6 in a box.

NO. 8665 SATIN CHROME FINISH RULES

This is the same as No. 866 above but with a very fine satin chrome finish for easier reading and to prevent tarnish.

No.	Length	Width	Thickness	Shipping Weight
8665	6"	3/4"	1/20"	6 1/2 oz.
8665	12"	1"	1/20"	1 1/8 lbs.

Packed 6 in a box.

SEMI-FLEXIBLE TEMPERED RULES

A semi-flexible precision rule with a smoothly ground finish and clearly etched graduations and figures. Graduated on four edges in 8ths, 16ths, 32nds and 64ths. No. 253 is end graduated also.

No.	Length	Width	Thickness	Shipping Weight
253	6"	5/8"	1/50"	3 1/2 oz.
255	12"	3/4"	1/50"	7 oz.

Packed 6 in a box.

FLEXIBLE TEMPERED RULES

Made of thin, flexible tempered steel, nicely polished with clearly etched graduations and figures. Graduated on two edges, one side only, in 32nds and 64ths. Also end graduated.

No.	Length	Width	Thickness	Shipping Weight
264	6"	1/2"	1/100"	1 1/2 oz.
264R	6"	1/2"	1/100"	1 1/2 oz.

Same as No. 264 but numbered at each 1/8 graduation for quick reading, and not end graduated.

Packed 6 in a box.

NO. 2645 SATIN CHROME FINISH RULE

This is the same as No. 264 above but with a very fine satin chrome finish for non-glare reading.

No.	Length	Width	Thickness	Shipping Weight
2645	6"	1/2"	1/100"	2 oz.

Packed 6 in a box.

NO. 966 TEMPERED HOOK RULE

Numbered for Quick Reading

Designed for taking measurements over rounded corners, through hubs of wheels or pulleys, setting dividers or inside calipers and many similar uses. Hardened steel hook is locked onto rule by hardened eccentric bolt and is easily detachable. Graduated full length in 8ths, 16ths, 32nds and 64ths, with the 32nds and 64ths graduations numbered at each 1/8 inch. Length: 6". Width: 3/4". Thickness: 1/20".

Packed 1 in a box. Shipping weight: 1 1/2 oz.

NO. 771 NARROW HOOK RULE

Similar to the hook rule above, but with a narrow tempered rule and a smaller hook. Graduated full length in 32nds and 64ths of an inch. Length: 6". Width: 3/8". Thickness: 1/20".

Packed 1 in a box. Shipping weight: 1 1/4 oz.

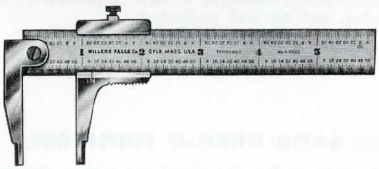
NO. 80
RULE DEPTH GAUGE

Has a milled and ground base 3 inches long and a narrow tempered steel rule 6 inches long. Blade can be turned parallel to the base for easy storing or carrying. Also makes a useful T-square. Rule graduated in 32nds and 64ths of an inch. Head is graduated with lines indicating 30, 45 and 60 degrees.

No.	Length	Shipping Weight
80	6"	2 oz.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868



NO. 306 SLIDE CALIPER RULE

For fast and accurate inside or outside measurements. Smooth acting spring tensioned slide has milled-groove thumb grip for positive one-hand "snap gauge" operation. Six-inch spring tempered high carbon steel blade carefully ground and lapped for precise parallelism. Graduated 8ths and 16ths one side, 32nds and 64ths other side. Quick-reading figures on 32nds and 64ths side. Zero line on slide for precise inside measurements. Depth of Jaws: 1½". Blade: 6".

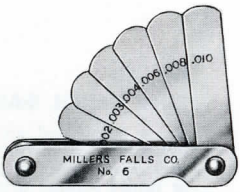
Packed 1 in a box. Shipping weight: 3½ oz.

GAUGES

THICKNESS GAUGES

These gauges are used extensively in airplane and automobile maintenance and repair: for setting spark gaps, distributor points, tappet clearances, piston and ring clearances, etc. Also widely used by toolmakers and machinists in jig and fixture, gauge and gauging work, shimming and experimental uses. Fine, tempered steel leaves are individually tested to very close limits and well finished. They are assembled in cases with heavy steel side plates and studs held together by screws or rivets. Thicknesses are clearly etched on each leaf.

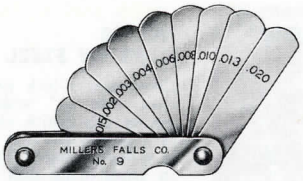
Standard Models without Lock



NO. 6 THICKNESS GAUGE

This gauge has six precision steel leaves from .002 to .010 inch thick. Thickness clearly etched on each leaf. Double steel case for protection. Leaves 2-5/16" long and ½" wide.

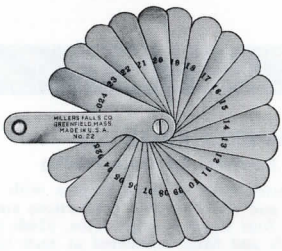
Packed 6 in a box. Shipping weight: 5 oz.



NO. 25 THICKNESS GAUGE

Has 25 clearly-etched leaves from .0015 to .025 inch thick. Double steel case. Leaves: 2-5/16" x ½".

Packed 6 in a box. Shipping weight: 1 lb.



NOS. 19, 22, 926 THICKNESS GAUGES

Nicely finished throughout with each leaf burred, buffed and clearly etched with its thickness in thousandths. Screw studs at leaf end of polished case permit replacement of leaves or adjustment of tension.

No. 19. Has 9 leaves 3-1/16" long, ½" wide and .0015 to .015 inch thick.

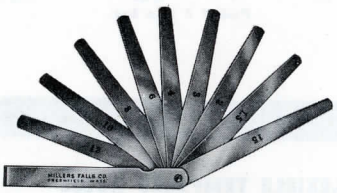
Packed 6 in a box. Shipping weight: 7½ oz.

No. 22. Has 22 leaves 2-5/16" long, ½" wide and .004 to .025 inch thick.

Packed 6 in a box. Shipping weight: 15 oz.

No. 926. Has 26 leaves 3-1/16" long, ½" wide and .0015 to .025 inch thick.

Packed 6 in a box. Shipping weight: 1-3/16 lbs.



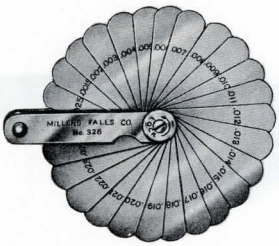
NO. 91 THICKNESS GAUGE Tapered Leaves

Has 9 finest quality steel leaves that will not "swedge" out or lose dimensional accuracy. Leaves 4½" long x ½" wide and tapered to reach into restricted openings. Compact, one-piece case notched for easy access to leaves. Thicknesses: .0015 to .015. Replaceable leaves. Packed one per plastic vial, 4 vials per box.

Packed 4 in a box. Shipping weight: 7 oz.

Thickness Gauges with Locking Device

These gauges have an ingenious locking device that permits positive locking of individual blades or combinations of blades in any desired position. This is a great convenience under any circumstances, and is particularly helpful when a number of settings or clearances of the same size are being gauged — for instance, when a valve job or similar operation is being done. Leaves are made of fine, tempered steel, individually tested to very close limits. They are nicely finished and have their thicknesses clearly etched in large, easy-to-read figures.



NOS. 319, 322, 326 THICKNESS GAUGES

No. 319. Has 9 leaves 3-1/16" long, ½" wide and .0015 to .015 inch thick.
Packed 6 in a box. Shipping weight: 7½ oz.

No. 322. Has 22 leaves 2-5/16" long, ½" wide and .004 to .025 inch thick.
Packed 6 in a box. Shipping weight: 15 oz.

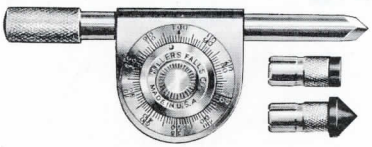
No. 326. Has 26 leaves 3-1/16" long, ½" wide and .0015 to .025 inch thick.
Packed 6 in a box. Shipping weight: 1-3/16 lbs.

NO. 100 THICKNESS STOCK STRIPS

Made of the finest gauge steel with thickness legibly etched on each strip at two points. Ends nicely rounded and finished. Thickness available in .0015, .002, .0025, .003 — then by thousandths through .025 inch. Length: 12 inches. Width: ½ inch.

No.	Thickness	Shipping Weight
100	.0015 to .003	8 oz.
100	.004 to .006	14 oz.
100	.007 to .025	1 lb. 2 oz.

Packed 6 in a box.

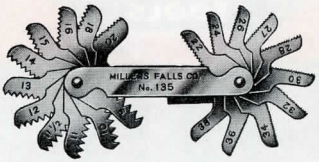


NO. 440 SPEED INDICATOR

A well-built, low-priced indicator with fixed dial graduated in both directions so it can always be read direct. Rotating dial quickly set to 0 by loosening knurled thumb screw, turning to position and tightening thumb screw. Entire tool nickeled and buffed. Two rubber tips are provided, one for centered and one for pointed shafts. Length: 4¼".

Packed 1 in a box. Shipping weight: 6 oz.

SCREW PITCH GAUGES



NO. 135 SCREW PITCH GAUGE

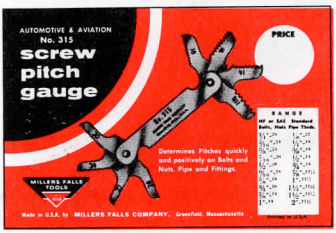
Has 22 pitches for V-threads, as follows: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38 and 40. Length of leaves: 1 inch.

NO. 436 SCREW PITCH GAUGE

Has 30 pitches for V-threads as follows: 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42. Length of leaves: 1⅛ inches.

No.	Leaves	Shipping Weight
135	22	1 oz.
436	30	2 oz.

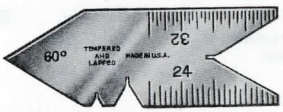
Packed 1 in a box.



NO. 315 SCREW PITCH GAUGE

A popular priced gauge with eight leaves covering all NF or SAE threads from ¼ inch-28 to 1 inch-14 and Standard Pipe threads from ⅛ inch-27 to 2 inches-11½. This includes all standard threads — NF or SAE — and pipe used in the automotive and aviation fields. Each gauge mounted on a card printed in red and black.

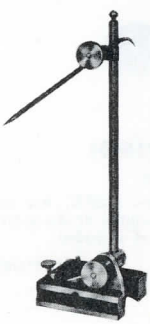
Packed 6 in a box. Shipping weight: 5½ oz.



NO. 438 CENTER GAUGE

Best quality spring tempered crucible steel. Lapped in notches to a light-tight fit with standard 60 degree angles. Graduated one corner each in 32nds, 24ths, 20ths, and 14ths. Thickness: 1/20 inch.

Packed 6 in a box. Shipping weight: 1½ oz.



NOS. 755 AND 889 SURFACE GAUGES

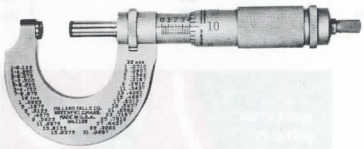
Carefully ground base, 3" x 2½" x ⅞", has V-groove for mounting on round work. Retractable pins in base for linear work. Two lengths of spindle. Scriber head has spring control. When gauge is used with dial indicator, hardened steel scriber may be removed. Fine adjustment of spindle to any angle above or below base. Spindle has marker on lower end for use as a scratch gauge.

No.	Spindle	Shipping Weight
755	5"	2 lbs.
889	9"	2 lbs. 2 oz.

Packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868

MICROMETERS



NO. 112RK MICROMETER (1/1000)

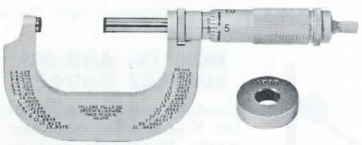
With Carbide Faces

Satin Chrome Finish Accuracy Guaranteed

Tungsten-carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions. Cut-away anvil permits measurements in confined spaces. Equipped with a ratchet stop located on the thimble. Clamp ring set in the frame locks the spindle at any desired reading. Speeder provided on end of thimble for running spindle in and out rapidly. Anvil and spindle hardened and precision ground. Measuring faces lapped for precise parallelism. The 1/1000th increments numbered for quicker, easier reading. Decimal equivalents etched on the drop-forged steel frame. Every necessary compensation for wear is provided. Capacity: 0 to 1 inch.

No.	Capacity	Shipping Weight
112RK Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.

Packed 1 in a box.



NO. 20RK MICROMETER (1/1000)

With Carbide Faces

Same construction and finish as No. 112RK, but has capacity from 1 to 2 inches, either lengths or diameters. No. 563 one-inch micrometer standard included.

No.	Capacity	Shipping Weight
20RK Micrometer	1 to 2 inches	11 oz.
32119 Case		5 oz.

Packed 1 in a box.

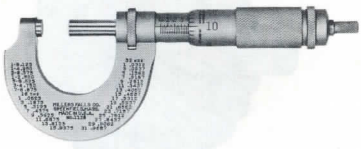
NO. 902RK MICROMETER (1/10,000)

With Carbide Faces

Same construction and finish as No. 112RK, but reading by 1/10,000 of an inch.

No.	Capacity	Shipping Weight
902RK Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.

Packed 1 in a box.

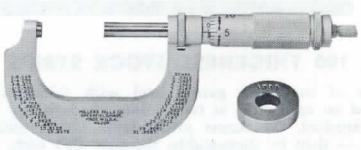


NO. 112R MICROMETER (1/1000)

Same construction and finish as No. 112RK, but with standard steel anvil and spindle faces.

No.	Capacity	Shipping Weight
112R Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.

Packed 1 in a box.



NO. 20R MICROMETER (1/1000)

Same construction and finish as No. 112R, but has capacity from 1 to 2 inches, either lengths or diameters. No. 563 one-inch micrometer standard included.

No.	Capacity	Shipping Weight
20R Micrometer	1 to 2 inches	11 oz.
32119 Case		5 oz.

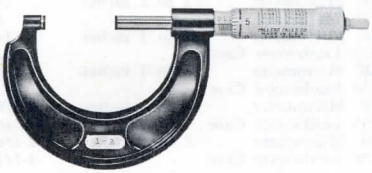
Packed 1 in a box.

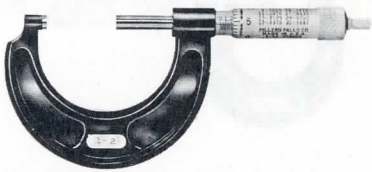
NO. 902R MICROMETER (1/10,000)

Same construction and finish as No. 112R, but reading by 1/10,000 of an inch.

No.	Capacity	Shipping Weight
902R Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.

Packed 1 in a box.





NO. 701K SERIES MICROMETER (1/1000)

With Carbide Faces

Satin Chrome Finish Accuracy Guaranteed

Drop forged steel frame, with ebony enameled finish. Cut-away feature at the anvil permits measurements in confined spaces, and ribbed design of frame gives great rigidity for maintained accuracy. Decimal equivalents stamped on thimble which is also provided with a speeder for rapid movement. Sleeve and thimble satin chrome finished with 1/1000th increments numbered for quicker, easier reading. Tungsten-carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions.

No.	Capacity	Shipping Weight
701K Micrometer	0 to 1 inch	6 oz.
32112 Leatherette Case		4 oz.
712K Micrometer	1 to 2 inches	11 oz.
32120 Leatherette Case		8 oz.
723K Micrometer	2 to 3 inches	14 oz.
32123 Leatherette Case		11 oz.
734K Micrometer	3 to 4 inches	1-1/8 lbs.
32134 Leatherette Case		12 oz.
745K Micrometer	4 to 5 inches	1-5/8 lbs.
32145 Leatherette Case		1-1/16 lbs.
756K Micrometer	5 to 6 inches	2-1/8 lbs.
32156 Leatherette Case		1-1/4 lbs.

Packed 1 in a box.

NO. 701 SERIES MICROMETER (1/1000)

Same construction and finish as 701K Series, but with standard steel anvil and spindle faces.

No.	Capacity	Shipping Weight
701 Micrometer	0 to 1 inch	6 oz.
32112 Leatherette Case		4 oz.
712 Micrometer	1 to 2 inches	11 oz.
32120 Leatherette Case		8 oz.
723 Micrometer	2 to 3 inches	14 oz.
32123 Leatherette Case		11 oz.
734 Micrometer	3 to 4 inches	1-1/8 lbs.
32134 Leatherette Case		12 oz.
745 Micrometer	4 to 5 inches	1-5/8 lbs.
32145 Leatherette Case		1-1/16 lbs.
756 Micrometer	5 to 6 inches	2-1/8 lbs.
32156 Leatherette Case		1-1/4 lbs.

Packed 1 in a box.

NO. 7010K SERIES MICROMETER (1/10,000)

With Carbide Faces

Same construction and finish as 701K Series, but reading by 1/10,000 of an inch.

No.	Capacity	Shipping Weight
7010K Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.
7120K Micrometer	1 to 2 inches	11 oz.
32120 Case		8 oz.
7230K Micrometer	2 to 3 inches	14 oz.
32123 Case		11 oz.
7340K Micrometer	3 to 4 inches	1-1/8 lbs.
32134 Case		12 oz.
7450K Micrometer	4 to 5 inches	1-5/8 lbs.
32145 Case		1-1/16 lbs.
7560K Micrometer	5 to 6 inches	2-1/8 lbs.
32156 Case		1-1/4 lbs.

All above items packed 1 in a box.

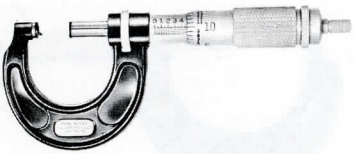
NO. 7010 SERIES MICROMETER (1/10,000)

Same construction and finish as 701 Series, but reading by 1/10,000 of an inch.

No.	Capacity	Shipping Weight
7010 Micrometer	0 to 1 inch	6 oz.
32112 Case		4 oz.
7120 Micrometer	1 to 2 inches	11 oz.
32120 Case		8 oz.
7230 Micrometer	2 to 3 inches	14 oz.
32123 Case		11 oz.
7340 Micrometer	3 to 4 inches	1-1/8 lbs.
32134 Case		12 oz.
7450 Micrometer	4 to 5 inches	1-5/8 lbs.
32145 Case		1-1/16 lbs.
7560 Micrometer	5 to 6 inches	2-1/8 lbs.
32156 Case		1-1/4 lbs.

All above items packed 1 in a box.

MILLERS FALLS TOOLS
SINCE 1868



NO. 701RK SERIES MICROMETER (1/1000)

With Carbide Faces

Satin Chrome Finish Accuracy Guaranteed

Provided with positive spindle lock at any desired reading by the clamp ring set in the frame. The thimble is equipped with both a ratchet stop mechanism and a speeder for fast movement of spindle. Tungsten-carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions. Sleeve and spindle satin chrome finished, with 1/1000 increments numbered for quick, easy reading. Ribbed frame design affords greater rigidity.

No.		Capacity	Shipping Weight
701RK	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712RK	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723RK	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734RK	Micrometer	3 to 4 inches	1-1/8 lbs.
32134	Leatherette Case		12 oz.
745RK	Micrometer	4 to 5 inches	1-5/8 lbs.
32145	Leatherette Case		1-1/16 lbs.
756RK	Micrometer	5 to 6 inches	2-1/8 lbs.
32156	Leatherette Case		1-1/4 lbs.

All above items packed 1 in a box.

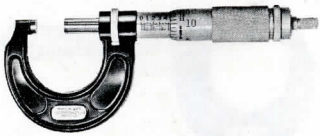
NO. 7010RK SERIES MICROMETER (1/10,000)

With Carbide Faces

Same construction and finish as 701RK Series, but reading by 1/10,000 of an inch.

No.		Capacity	Shipping Weight
7010RK	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120RK	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230RK	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340RK	Micrometer	3 to 4 inches	1-1/8 lbs.
32134	Case		12 oz.
7450RK	Micrometer	4 to 5 inches	1-5/8 lbs.
32145	Case		1-1/16 lbs.
7560RK	Micrometer	5 to 6 inches	2-1/8 lbs.
32156	Case		1-1/4 lbs.

All above items packed 1 in a box.



NO. 701R SERIES MICROMETER (1/1000)

Same construction and finish as No. 701RK, but with standard steel anvil and spindle faces.

No.		Capacity	Shipping Weight
701R	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712R	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723R	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734R	Micrometer	3 to 4 inches	1-1/8 lbs.
32134	Leatherette Case		12 oz.
745R	Micrometer	4 to 5 inches	1-5/8 lbs.
32145	Leatherette Case		1-1/16 lbs.
756R	Micrometer	5 to 6 inches	2-1/8 lbs.
32156	Leatherette Case		1-1/4 lbs.

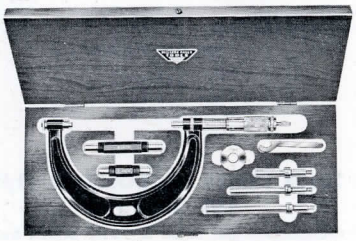
All above items packed 1 in a box.

NO. 7010R SERIES MICROMETER (1/10,000)

Same construction and finish as 701R Series, but reading by 1/10,000 of an inch.

No.		Capacity	Shipping Weight
7010R	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120R	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230R	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340R	Micrometer	3 to 4 inches	1-1/8 lbs.
32134	Case		12 oz.
7450R	Micrometer	4 to 5 inches	1-5/8 lbs.
32145	Case		1-1/16 lbs.
7560R	Micrometer	5 to 6 inches	2-1/8 lbs.
32156	Case		1-1/4 lbs.

All above items packed 1 in a box.



NO. 704R MICROMETER SET

Capacity 0" to 4" by 1/1000 inch

Satin Chrome Finish Accuracy Guaranteed

Four interchangeable anvils provide a range of 0 to 4 inches which covers the pistons and crank shafts in the great majority of automotive and aviation applications. Cut-away drop forged steel frame finished in black enamel. Precision ground lead screw. Spindle locking device in frame. Thimble equipped with ratchet stop mechanism and speeder. Set includes three precision standards. Packed in handsome walnut case.

Packed 1 set in a box. Shipping weight: 3⅛ lbs.

NO. 38R MICROMETER HEAD (1/1000)

Satin Chrome Finish Accuracy Guaranteed

For use on special gauges, fixtures and machines where precision measurements are required. The spindle, lead screw, barrel, thimble and rachet mechanism are exactly the same as used on the No. 112R Micrometer. Graduated to read by 1/1000th from 0" to 1".

No.	Capacity	Shipping Weight
38R	0 to 1 inch	3½ oz.

Packed 1 in a box.

NO. 563 MICROMETER STANDARDS

Made of tool steel, hardened and ground with the ends lapped parallel to each other making precise setting easier and surer. One inch standard is a round disc, all others are 5/16" rods in hard rubber octagon holders to prevent rolling and elongation from hand heat.

No.	Capacity	Shipping Weight
563	1"	½ oz.
563	2"	1 oz.
563	3"	2 oz.
563	4"	2 oz.
563	5"	2 oz.
563	6"	3 oz.

Packed 1 in a box.

INSIDE MICROMETERS (1/1000)

Satin Chrome Finish Accuracy Guaranteed

Lead screw has ½ inch run and the barrel has two sets of graduations, permitting direct readings with or without collars. Furnished with a long solid handle for use in places inaccessible to the hand.

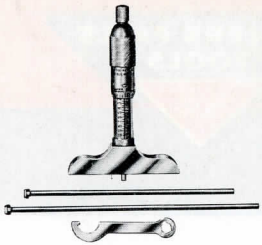
No.		Capacity	Shipping Weight
1218	Micrometer with Handle	2 to 12½ inches	10½ oz.
32118	Case		11 oz.

Supplied with seven rods, one ½ inch and one 1 inch bushing, giving a range from 2" to 12½" by 1/1000th of an inch.

618	Micrometer with Handle	2 to 6½ inches	7 oz.
32118	Case		11 oz.

Supplied with three rods, one ½ inch and one 1 inch bushing, giving a range from 2" to 6½" by 1/1000th of an inch.

Packed 1 in a box.



MICROMETER DEPTH GAUGES (1/1000)

Satin Chrome Finish Accuracy Guaranteed

For accurate measurements of depth of holes, slots, shoulders and projections. Has full 1 inch range — measuring by 1/1000th of an inch. Three measuring rods give 0" to 3" capacity. Base, ½ inch wide. Base hardened and lapped flat. Extra rods for greater capacities on special order.

No.		Base	Capacity	Shipping Weight
31	Gauge	2½ inches	0 to 3 inches	8 oz.
32131	Leather Case			5 oz.
32	Gauge	4 inches	0 to 3 inches	12 oz.
32132	Leather Case			7 oz.

Packed 1 in a box.

Extra Set of 3 Rods for measurements 3 to 6 inches
Extra Set of 6 Rods for measurements 6 to 12 inches
Must be fitted to head with which they are to be used.

CALIPERS & DIVIDERS

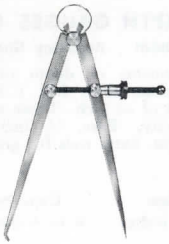
OUTSIDE SPRING CALIPERS

Designed for the utmost precision in taking or transferring measurements. Legs tapered, shaped and pointed for sensitive adjustments. Powerful tempered springs. Accurately machined and hardened spool eliminates side deflection. Solid or quick nuts run freely on precise, hardened screws. Finely polished finish.

SOLID NUT			QUICK NUT		
No.	Size	Shipping Weight	No.	Size	Shipping Weight
520	3"	4½ oz.	620	3"	4½ oz.
520	4"	8 oz.	620	4"	8 oz.
520	5"	8½ oz.	620	5"	8½ oz.
520	6"	13 oz.	620	6"	13 oz.
520	8"	1¼ lbs.	620	8"	1¼ lbs.
520	10"	1⅝ lbs.	620	10"	1⅝ lbs.
520	12"	1⅞ lbs.	620	12"	1⅞ lbs.

Packed 3 in a box.

MILLERS FALLS TOOLS
SINCE 1868
®

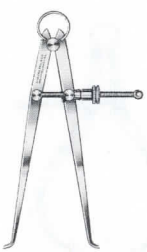


HERMAPHRODITE SPRING CALIPERS

Design and construction same as the outside and inside types. Tapered legs. Divider leg hardened and nicely pointed. Hardened spools and screws. Powerful tempered springs. Nicely polished finish.

SOLID NUT			QUICK NUT		
No.	Size	Shipping Weight	No.	Size	Shipping Weight
530	3″	4½ oz.	630	3″	5 oz.
530	4″	6½ oz.	630	4″	6½ oz.
530	5″	8½ oz.	630	5″	8½ oz.
530	6″	11½ oz.	630	6″	11 oz.

Packed 3 in a box.



INSIDE SPRING CALIPERS

The same design and construction as the outside type. Shaped and tapered legs, pointed for extreme accuracy. Carefully machined and hardened spool in conjunction with powerful tempered spring eliminates side deflection. Both solid and quick nut types have precise hardened screws. Polished finish.

SOLID NUT			QUICK NUT		
No.	Size	Shipping Weight	No.	Size	Shipping Weight
510	3″	5 oz.	610	3″	5 oz.
510	4″	7 oz.	610	4″	7½ oz.
510	5″	8 oz.	610	5″	8¾ oz.
510	6″	11½ oz.	610	6″	11½ oz.
510	8″	1-1/16 lbs.	610	8″	1-1/16 lbs.
510	10″	1½ lbs.	610	10″	1½ lbs.
510	12″	2 lbs.	610	12″	1⅝ lbs.

Packed 3 in a box.

SPRING DIVIDERS

General design and construction same as the outside and inside calipers. Legs are tapered, tempered and pointed. Carefully machined and hardened spools with powerful tempered springs. Free running solid or quick nuts operate on hardened screws. Polished finish.

SOLID NUT			QUICK NUT		
No.	Size	Shipping Weight	No.	Size	Shipping Weight
500	3″	5 oz.	600	3″	4½ oz.
500	4″	8 oz.	600	4″	6 oz.
500	5″	8 oz.	600	5″	8½ oz.
500	6″	11½ oz.	600	6″	11½ oz.
500	8″	1⅛ lbs.	600	8″	1⅛ lbs.
500	10″	1½ lbs.	600	10″	1⅝ lbs.
500	12″	1¾ lbs.	600	12″	1¾ lbs.

Packed 3 in a box.

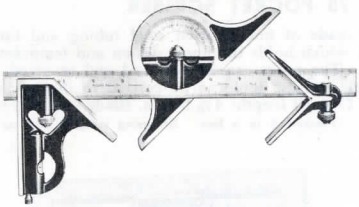
WING DIVIDERS

Three versatile tools that feature spring-tensioned adjustments, pressed steel arms, hardened points and knurled adjusting screws for "built-in" accuracy. One adjustable leg on No. 204 and two on No. 205 can be replaced with pencils or other accessory equipment with 5/16″ shank (legs, scribers, ball points). Length: 7″.

No.	Shipping Weight
203	2 lbs.
204	2⅛ lbs.
205	2¼ lbs.

Packed 6 in a box.

SQUARES & SCRIBERS



COMBINATION SETS

Tempered Steel Blades

Useful combinations for machinists or tool makers. Beams and center heads are made of hard gray iron. Finished in ebony enamel. The blades are tempered crucible steel, engine graduated, in 8ths, 16ths, 32nds and 64ths inch for Nos. 390 and 391; 32nds, 64ths, 50ths and 100ths for No. 3910. Protractor accurately graduated 90 degrees both sides of 0.

No.	Blade	Grad.	Shipping Weight
390	9 inches	#4	1⅝ lbs.
391	12 inches	#4	1¾ lbs.
3910	12 inches	#16	1¾ lbs.

Packed 1 in a box.

COMBINATION SQUARES

Tempered Steel Blades

These squares have hard gray iron beams and center heads that are finished in ebony enamel. No protractor provided. The blades are tempered crucible steel, engine graduated in 8ths, 16ths, 32nds and 64ths inch for Nos. 361, 362, 363; 32nds, 64ths, 50ths and 100ths for No. 3630.

No.	Blade	Grad.	Shipping Weight
361	6 inches	#4	13 oz.
362	9 inches	#4	1 lb.
363	12 inches	#4	1⅛ lbs.
3630	12 inches	#16	1⅛ lbs.

Packed 1 in a box.

COMBINATION SQUARES

Tempered Steel Blades

These squares have hard gray iron beams that are finished in ebony enamel. No protractor or center head provided. The blades are tempered crucible steel, engine graduated in 8ths, 16ths, 32nds and 64ths inch for Nos. 371, 372, 373; 32nds, 64ths, 50ths and 100ths for No. 3730.

No.	Blade	Grad.	Shipping Weight
371	6 inches	#4	10 oz.
372	9 inches	#4	13 oz.
373	12 inches	#4	15 oz.
3730	12 inches	#16	15 oz.

Packed 1 in a box.

BEVEL PROTRACTORS

The blade is held in a revolving turret by a round-ended bolt. Turret is accurately fitted and engine graduated to 90 degrees either side of zero. It carries a level which is accurately set and fastened to the side of the turret. Engine graduated blade is of crucible tempered steel. Body is approximately 7 inches long. Blade graduated in 8ths, 16ths, 32nds and 64ths.

No.	Blade	Shipping Weight
180	Head only	11 oz.
181	9 inches	15 oz.
182	12 inches	1 lb.

Packed 1 in a box.

BLADES ONLY FOR COMBINATION SQUARES AND PROTRACTORS

No.	Blade	Grad.	Fits Square	Shipping Weight
116	6 inches	#16	361, 371	8 oz.
116	12 inches	#16	3630, 3730, 3910, 180, 182	1⅛ oz.
116	18 inches	#16	3630, 3730, 3910	1¾ oz.
116	24 inches	#16	3630, 3730, 3910	2⅜ oz.
161	6 inches	#4	361, 371	8 oz.
162	9 inches	#4	372, 390, 180, 181	14 oz.
163	12 inches	#4	363, 373, 391, 180, 182	1⅛ oz.

Packed 4 in a box.

MILLERS FALLS TOOLS
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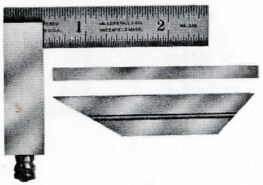
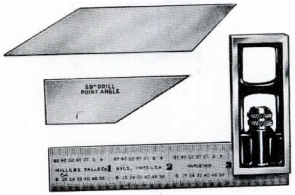


NO. 222 TOOLMAKERS' DOUBLE STEEL SQUARE SET

Toolmakers' square has three blades — one 2½ x ½ inch sliding blade graduated in 32nds and 64ths, adjustable right or left; one bevel blade, 45 degrees on one end and 30 degrees on the other; and one narrow blade ⅛ inch wide. All are interchangeable and lock securely by tightening the thumb nut in the beam, which is hardened, ground and lapped.

Packed 1 in a box. Shipping weight: 3 oz.



DOUBLE SQUARE SETS

Versatile, compact tools for accurate checking of inside squareness, outside squareness, parallelism and drill point angle or for laying out hexagons and octagons. Selected tool steel alloy blades grooved full length for easy attachment to square head. Four-inch graduated blades have quick-reading figures on face with finest graduations.

No.	Blade	Shipping Weight
304	4 inches — #4 Grad.	5 oz.
316	4 inches — #16 Grad.	5 oz.

Packed 1 in a box.

SCRIBERS

Made from fine steel with carefully tapered and tempered points.

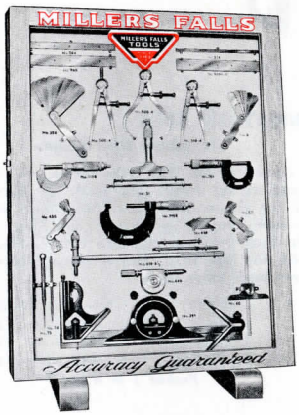
No.	Length	Shipping Weight
58 Single Point	4½"	2½ oz.
61 Double Point	6½"	7 oz.
62 Double Point	9"	10 oz.

Packed 6 in a box.

NO. 75 POCKET SCRIBER

Body made of fine knurled steel tubing and fitted with chuck which holds the finely drawn and tempered scriber point. The point can be removed and reversed for protection, and the tool can be carried in the pocket if desired. Overall length: 4⅞ inches. Blade length: 2⅜ inches.

Packed 6 in a box. Shipping weight: 3½ oz.



NO. 765 PRECISION TOOL MERCHANDISER

This unique showcase highlights the heart of Millers Falls expertly manufactured line of professional quality precision tools. Compact, attractive and flexible the merchandiser measures 24" in height, 18" in width and 2⅝" in depth. It is made of white birch with rich, natural finish and can be effectively used as a counter or wall display. The legs can be detached easily and the glazed door is hinged with a hasp for locking. Provided without charge with the purchase of the tools mounted on it as listed below and a reasonable back-up stock.

No. 8665	6" Steel Rule
No. 274	6" Steel Rule
No. 264	6" Steel Rule
No. 966	Hook Rule
No. 438	Center Gauge
No. 6	Thickness Gauge
No. 326	Thickness Gauge
No. 436	Screw Pitch Gauge
No. 135	Screw Pitch Gauge
No. 80	Depth Gauge
No. 61	Scriber
No. 75	Scriber
No. 58	Scriber
*No. 440	Speed Indicator
*No. 391	Combination Set
No. 520	4" Outside Caliper
No. 510	4" Inside Caliper
No. 500	4" Divider
*No. 31	Micrometer Depth Gauge
*No. 112R	Micrometer
*No. 701	Micrometer
*No. 712R	Micrometer
*No. 618	Inside Micrometer Capacity 2" to 6½"

*Can be easily removed or replaced for inspection.

Packed 1 unit in a carton. Shipping weight: 25 lbs.

MILLERS FALLS STEEL RULES WITH GRADUATIONS IN ENGLISH MEASURE

Length	Catalog No.	Type	Graduation		See Page
2½"	No. 222	Double Steel Square	No. 10	32nds, 64ths	74
4"	No. 304	Double Square Set	*No. 4	8ths, 16ths, 32nds, 64ths	74
	No. 316	Double Square Set	*No. 16	32nds, 64ths; 50ths, 100ths	74
6"	No. 20	Flexible	No. 10	32nds, 64ths	65
	No. 80	Rule Depth Gauge	No. 10	32nds, 64ths	65
	No. 106	Flexible	.....	16ths, 32nds	64
	No. 116	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 161	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 253	Semi-Flexible	No. 4	8ths, 16ths, 32nds, 64ths	65
	No. 260	Satin Chrome, Flexible	No. 5	32nds, 64ths; 10ths, 100ths	64
	No. 264	Flexible	No. 10	32nds, 64ths	65
	No. 264R	Flexible	*No. 10	32nds, 64ths	65
	No. 274	Spring Tempered	No. 10	32nds, 64ths	65
	No. 306	Slide Caliper Rule	*No. 4	8ths, 16ths, 32nds, 64ths	66
	No. 361	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 371	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 771	Tempered Hook	No. 10	32nds, 64ths	65
	No. 866	Spring Tempered	*No. 4	8ths, 16ths, 32nds, 64ths	65
	No. 966	Tempered Hook	*No. 4	8ths, 16ths, 32nds, 64ths	65
	No. 2645	Satin Chrome, Flexible	No. 10	32nds, 64ths	65
	No. 8665	Satin Chrome	*No. 4	8ths, 16ths, 32nds, 64ths	65
9"	No. 162	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 181	Bevel Protractor	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 362	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 372	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 390	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
12"	No. 116	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 163	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 182	Bevel Protractor	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 255	Semi-Flexible	No. 4	8ths, 16ths, 32nds, 64ths	65
	No. 363	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 373	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 391	Combination Square	No. 4	8ths, 16ths, 32nds, 64ths	73
	No. 866	Spring Tempered	*No. 4	8ths, 16ths, 32nds, 64ths	65
	No. 3630	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 3730	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 3910	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 8665	Satin Chrome	*No. 4	8ths, 16ths, 32nds, 64ths	65
18"	No. 116	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73
	No. 866	Spring Tempered	*No. 4	8ths, 16ths, 32nds, 64ths	65
24"	No. 116	Combination Square	No. 16	32nds, 64ths; 50ths, 100ths	73

* Quick Reading

DECIMAL EQUIVALENTS OF 8THS, 16THS, 32NDS, 64THS

8ths	32nds	64ths	64ths
1/8 = .125	1/32 = .03125	1/64 = .015625	33/64 = .515625
1/4 = .250	3/32 = .09375	3/64 = .046875	35/64 = .546875
3/8 = .375	5/32 = .15625	5/64 = .078125	37/64 = .578125
1/2 = .500	7/32 = .21875	7/64 = .109375	39/64 = .609375
5/8 = .625	9/32 = .28125	9/64 = .140625	41/64 = .640625
3/4 = .750	11/32 = .34375	11/64 = .171875	43/64 = .671875
7/8 = .875	13/32 = .40625	13/64 = .203125	45/64 = .703125
16ths	15/32 = .46875	15/64 = .234370	47/64 = .734375
1/16 = .0625	17/32 = .53125	17/64 = .265625	49/64 = .765625
3/16 = .1875	19/32 = .59375	19/64 = .296875	51/64 = .796875
5/16 = .3125	21/32 = .65625	21/64 = .328125	53/64 = .828125
7/16 = .4375	23/32 = .71875	23/64 = .359375	55/64 = .859375
9/16 = .5625	25/32 = .78125	25/64 = .390625	57/64 = .890625
11/16 = .6875	27/32 = .84375	27/64 = .421875	59/64 = .921875
13/16 = .8125	29/32 = .90625	29/64 = .453125	61/64 = .953125
15/16 = .9375	31/32 = .96875	31/64 = .484375	63/64 = .984375

MILLERS FALLS TOOLS
SINCE 1868

HAND TOOL KITS

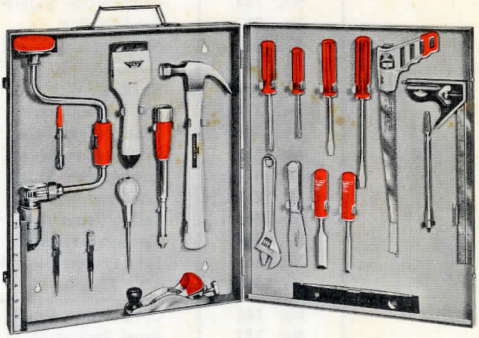
NO. 8 HAND TOOL KIT

A set of quality-built Millers Falls tools that fills the most essential need for tools in the home. Handles the majority of ordinary repair jobs. Compact steel case has spring clips to hold tools on one side, shelves on other. Case mounts on wall or door for convenient storage . . . has carrying handle at top that swings into position when needed. Dimensions: 14⅜" high, 10-1/16" wide, 3-15/16" deep.

Tools included are:

No. 170	Automatic Drill
No. 651	4-inch Standard Screwdriver
No. 653	3-inch Cabinet Screwdriver
No. 650	#2 Phillips Screwdriver
No. 1417	16-oz. Hammer
No. 1270	Carpenter Square
No. 1430	⅜-inch Wood Chisel
No. 1470	6-inch Slip-Joint Pliers
No. 602	Nail Set (2/32")
No. 1460	6-foot Folding Rule
No. 333	Utility Knife with 5 Blades in Handle
No. 707	Block Plane
No. 1490	Torpedo Level
No. 556	Tungsten Carbide Hand Sander

Packed 1 in a carton. Shipping weight: 15 lbs.



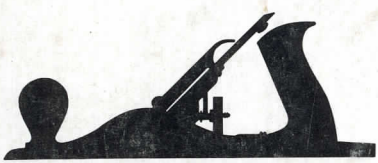
NO. 10 DELUXE TOOL KIT

A well-balanced selection of the finest-quality Millers Falls hand tools designed for professional and amateur craftsmen who prefer the very best. Each of these professional quality tools is securely held inside a heavy duty steel carrying case by strong spring clips. Case may be mounted on a wall, back of a door or other convenient location. Has hinged handle at top for easy carrying. Dimensions: 19½" high, 16" wide, 3⅝" deep.

Tools included are:

No. 1950	Ratchet Bit Brace
No. 716	16-oz. Hammer
No. 39	2½-inch Wood Scraper
No. 170	Automatic Drill
No. 802	Nail Set (2/32")
No. 803	Nail Set (3/32")
No. 365	Awl
No. 590	Torpedo Level
No. 810	½-inch Countersink
No. 853	3-inch Cabinet Screwdriver
No. 851	4-inch Standard Screwdriver
No. 851	6-inch Standard Screwdriver
No. 850	#2 Phillips Screwdriver
No. 525	Keyhole Saw
No. 1200	Combination Square
No. 47	Expansive Bit
No. 1473	8-inch Adjustable End Wrench
No. 1404	Putty Knife
No. 1430	⅜-inch Wood Chisel
No. 1430	¾-inch Wood Chisel
No. 1460	6-foot Folding Rule
No. 1455	Block Plane

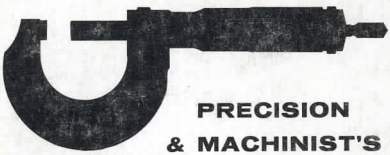
Packed 1 in a carton. Shipping weight: 27½ lbs.



HAND TOOLS

ELECTRIC TOOLS

METAL CUTTING SAWS



PRECISION & MACHINIST'S TOOLS

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